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McGraw Electric Railway List

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LIST OF
ELECTRIC RAILWAY COMPANIES
IN
United States, Canada and Mexico
(FEBRUARY, 1918)

The information contained in the body of this Directory has been corrected up to January 15, 1918.

IMPORTANT FEATURES OF THIS DIRECTORY

Besides the names of officials, number of cars, number of miles of track, etc., the power plant equipment is also given in the reports of the Companies listed.

INDEXES.—The reports of the electric railway companies in this Directory are arranged geographically by states and cities, and are also numbered consecutively. Immediately following the pages containing the reports there will be found complete alphabetical lists of both the company names and the individual names appearing in the Directory, with reference by number to the report in which each name appears.

THE DATE OF INFORMATION is indicated in each report by the figures at the end of the last line. The final figure indicates the year, and the preceding figure or figures the month. The figures 67 will thus be understood to mean that information for that particular report was furnished in June, 1917. The figures 127 would, in a similar manner, indicate December, 1917, as the date of information.

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Electric Railway Companies.

KEY TO SIGNS AND ABBREVIATIONS.

Population is given directly after the names of cities or towns, and, unless otherwise specified, is from 1910 Census.

The (★) indicates a report which differs in some respect from the report of the same company in the previous issue of the Directory; and the figures directly following the (★) indicate the latest date of information by month and year. Thus 67 would indicate a report received in June, 1917; ★ 127 would indicate December, 1917, as the date of latest information, and that some change has been made in that report since the previous issue.

The (§) indicates a company not previously reported in the Directory.

The (*) in the alphabetical index to companies indicates:

1. Companies whose property is controlled or operated by another company, and which are not reported separately in this directory.
2. Companies whose identity has been lost through merger, consolidation, or reorganization.

The mileage shown is the number of miles of single track; *i. e.*, if a road is 15 miles long and double track the entire length, it is reckoned as 30 miles of single track.

Act.....Acting
Adjr.....Adjuster
a.c.....alternating current
Allis-C..Allis Chalmers Co.
Am.....American Engine
A & R...Abendroth & Root
A & S...Armington & Sims
A & T...Aultman & Taylor
Asst.....Assistant
Atlas or Lyons-Atlas..Lyons Atlas Co.
b.....boiler
Bab. & W.....Babcock & Wilcox
Ball.....Ball Engine Co.
Brmghm.....Birmingham
Bckye.....Buckeye
Big.....Bigelow
Borg.....Borger Bros.
Brnl.....Brownell
Bull.....Bullock
B.S. & S..Broomell, Schmidt & Steacy Co.
B. & W.....Ball & Wood
C. & C.....C. & C. Elec.
C. & Z....Campbell & Zell
Ch.....Chief
Chm.....Chairman
Chatt...Chattanooga Boiler Works
Com.....Commercial
Comm.....Committee
Conv.....Converters
Cor.....Corliss
Ca-R.....Cahill-Roberts
Cpr.....C. & G. Cooper
Cpr.-R.....Cooper-Roberts
C.G.E...Canadian Gen. Elec.
C.-W.....Crocker-Wheeler
C. & H....Casey & Hedges
Cungh.....Cunningham cys.....cycles
d. c.....direct current
Det.....Detroit
D. & C.....Dick & Church e.....engine
Ed.....Edison
Edge.....Edge Moor
Elec.....Electric
Elecn.....Electrician
Engr.....Engineer
Erie City....Erie City Iron Works
Exc.....Exciter
Fishkl.....Fishkill
Fitch.....Fitchburg
F. M. & Co.....Fairbanks Morse & Co.
Frank.....Franklin
Frmn.....Freeman
Ft. W.....Ft. Wayne
F. & C..Frazer & Chalmers
F. & S.....Filer & Stowell
G. E.....General Electric gen.....generators
G. & McC....Goldie & McCullough
Greenw.....Greenwald
Habkn...Haberkon Engine
Ham.....Hamilton
H. & T....Hardie & Tynes
Har.....Harrison
Hasel.....Haseltine
Haz.....Hazelton
H. B. & M.....Harrisburg Boiler & Mfg.
Heis.....Heisler
H. F. & M.....Harrisburg Foundry & Mche
Herc.....Hercules
H. B.....Hoffman-Billings
Hol.....Holyoke
H. O. & R..Hooven Owens & Rentschler
hp.....horse-power
Ht.....Heat
H. S. & G...Houston, Standwood & Gamble
H. S. & H..Hinchley, Spears & Haves
H. & P....Hewes & Phillips
J.-Mc.....Jolly-McCormack
Kendall..Kendall Boiler Co.
Kew....Kewanee Boiler Co.
K. & K..Knowlson & Kelley
kw.....kilowatt
LaR.....LaRoche
L. E.....Lake Erie
L. & B.....Lane & Bodley
Leb.....Lebanon
Lef.....Leffel
Lewis P...Lewis Pettibone Co.
Lt.....Light
Ltg.....Lighting
Lomb.....Lombard
Mad..Madison Machine Co.
Man.....Manning
Mgr.....Manager
McC.....McCormick
McE.....McEwen
McI. & S.....McIntosh & Seymour
Michl.....Michaelman
Mil.....Milwaukee
Minpl.....Minneapolis
M. M.....Master Mechanic
Mor. Cli....Morrin-Climax
mo.....motor
Mur....Murray Iron Works
Musk.....Muskegon
Natl.....National
N. B.....New Britain
N. H.....New Haven
Nord.....Nordberg
Northn.....Northern Elec. Mfg. Co.
O'Br.....O'Brien
Pres.....President
Pur. Agt..Purchasing Agent
Penn.....Pennsylvania
ph.....phase
P.-H.....Porter Hamilton
Pier.....Pierpont
Por-A.....Porter-Allen
Prov.....Providence
Pwr. & M. M. Co...Power & Mining Machy. Co.
Pwr. or Pr.....Power
Quak. City.....Quaker City
Recvr.....Receiver
Rel.....Reliance
Ridg.....Ridgway
Risd.....Risdon
Robb-M.....Robb-Munford
Roch.....Rochester
rot.....rotary
Rus.....Russell
R. & F...Rankin & Fritsch
R. & H.....Root & Herling
R. & S.....Rice & Sargent
Sec.....Secretary
S. C.....Sioux City
Schof.....Schoffield
Schuy.....Schuyler
S.-D. Co...Sinker-Davis Co.
S. F. & M.....Southwark Foundry & Mche.
Skinr.....Skinner
S.-M.....Sawyer-Man
Smith..S. Morgan Smith Co.
Snow....Snow Steam Pump Works
Stewart...Stewart Boiler Co.
s. ph.....single phase
Spgf.....Springfield
Supt.....Superintendent
Stan.....Stanley
Std.....Standard
Stew.....Stewart
Stir.....Stirling
St. L.....St. Louis
S. Line.....Straight Line
Sturt.....Sturtevant
S.-V. & Co. Smith-Valle & Co.
S. & B....Stillwell & Bierce
S. & H....Siemens & Halske
S.-W.....Struthers-Wells
Transf.....Transformer
Trans.....Transmission
Treas.....Treasurer
T.-H....Thompson-Houston
T.-R.....Thompson-Ryan
Tri.....Triumph Elec. Co.
T. C.....Twin City
tot.....total
turb.....turbine
Tay. & C.....Taylor & Chandler
U. E. I.....United Electric Improvement Co.
V. Pres.....Vice-President
Vil.....Vilter
W. & W...Walsh & Widner
W. & A...Wright & Adams
Watertn.....Watertown
Wis.....Wisconsin
W.-C.....Watts-Campbell
W. E.....Western Electric
West. or Westg....Westinghouse
Weth.....Wetherill
Whlk..Wheelock
W. I. & S. Wks..Willamette Iron & Steel Wks.
Wks.....Works
Wms.....Williams
Wtr.....Water

UNITED STATES.

ALABAMA.

ALABAMA CITY. 4,313.

(See No. 6.)

ALBANY. 6,165.

1 — North Alabama Traction Co. —Office, Second Ave. (Connects Decatur and Albany.)
Pres. Jno. B. Weakly.....Birmingham
Sec. & Treas. W. C. Hamilton "
*Supt. & Pur. Agt.
W. R. Speer.....Albany
Energy purchased from Alabama Pwr. Co.; repair shop at 2nd Ave. and Jackson St.
Reaches and controls Oakland Park.
7.63 miles; 4-8½ g; 9 motor and 6 other cars. ★127

ANNISTON. 12,794.

1a — Alabama Power Co. (Anniston Div.)—Local office, 930 Noble St. (Controlled by the Alabama Trac., Lt. & Pwr. Co., Ltd.) (Connects Anniston, Oxanna, Oxford and Hobson City; co. also operates in Huntsville.)
Pres. Jas. Mitchell
120 Broadway, New York, N. Y.
V. Pres. T. W. Martin
Brown-Marx Bldg., Birmingham
*Sec. & Treas. Wiley Alford
Brown-Marx Bldg., Birmingham
Gen. Mgr. Walter N. Walmsley
Brown-Marx Bldg., Birmingham
Pur. Agt. E. S. Center, Jr.
Brown-Marx Bldg., Birmingham
Local Mgr. Lawrence W. Jackson
Anniston
Ch. Engr. O. G. Thurlon
Brown-Marx Bldg , Birmingham
Elec. Engr. W. E. Mitchell
Brown-Marx Bldg., Birmingham
M. M., J. H. Bowles.....Anniston
Energy from hydro-electric plant at Lock No. 12 Coosa River; 2 d. c. G. E. tot. 500 kw; trans. volt. 2300 v; trolley volt. 600 v.
Repair shops, 6th St. & Leighton Ave.
Reaches Oxford Lake Park (owned).
10.83 miles; 4-8½ g; 24 motor cars and 4 trailers. Company does general lighting and power business. 77

BESSEMER. 10,864.

(See No. 4.)

BIRMINGHAM. 132,685.

(See also No. 710.)

2 — Birmingham & Edgewood Elec. Ry. Co.—(Controlled by the Birmingham Ry., Lt. & Pwr. Co.) (Connects Birmingham, Rosedale, Oak Grove and Edgewood.)
Pres. J. S. Pevear
2100—1st Ave., Birmingham
Sec. J. P. Ross.. " "
Treas. N. H. Hawkins " "
Energy purchased and cars leased from Birmingham Ry., Lt. & Pwr. Co.
Reaches Edgewood Country Club and Speedway (projected).
4.5 miles; 4-8½ g. 127

3 — Birmingham-Tidewater Ry. Co. —Office, 2100 1st Ave. (Successor to Birmingham, Ensley & Bessemer R. R.) (Connects East Lake, Woodlawn, Avondale, Birmingham, Graymont, Pratt City and Ensley, now within the corporate limits of the City of Birmingham; also Fairfield.) (Controlled, through ownership of capital stock, by Birmingham Ry., Lt. & Pwr. Co.)
Pres. & Gen. Mgr.
J. S. Pevear.....Birmingham
V. Pres. L. C. Bradley..... "
Sec. & Treas. J. P. Ross.... "
Audr. R. O. Launey..... ... "
Supt. J. T. Hury..... "
Claim Agt. H. H. Barnard.. "
M. M., R. D. Voshall..... "
Energy purchased from the Birmingham Ry. Lt. & Pwr. Co.; trans. volt. 13,000 v; trolley volt. 575 v.
Repair shops at 4th Ave. and 11th St.
Reaches East Lake, Avondale, Fairfield and West Parks.
32.8 miles; 4-8½ g; 27 motor and 28 other cars. ★127

4 — Birmingham Ry., Lt. & Pwr. Co. —Office, 2100 1st Ave. (Connects Brighton, Bessemer, Lipscomb, Inglenook and Irondale.) (Controls Birmingham & Edgewood Elec. Ry. Co. and Birmingham-Tidewater Ry. Co. and is in turn controlled by the American Cities Co.)
Pres. & Gen. Mgr. J. S. Pevear. 2100-1st Ave.
V. Pres. Lee C. Bradley. 1400 Empire Bldg.
*Sec.-Treas. J. P. Ross.....2100-1st Ave.
Audr. R. O. Launey..... "
Asst. Gen. Mgr. L. L. Newman "
Supts. (Ry.) J. T. Hury.... "
(Elect.) F. V. Underwood "
(Gas) J. E. Montgomery "
Claim Agt. H. H. Barnard... "
Fgt. Traf. Mgr.
T. G. Brabston.....1604—1st Ave.
Pur. Agt. C. T. Doerr.....2100—1st Ave.
Ch. Engr. H. E. Cox..... "
Supt. of Equip.
R. D. Voshall.....4th Ave. & 11th St.
Ch. Engr. Pwr. Sta. C. T. Christian
Powell Ave. & 19th St.
Roadmaster, H. J. Kribs...2100—1st Ave.
Supt. Lines
B. H. Elliott..... "
Power sta. equip. 3 d. c. G. E. tot. 3300 kw; 5 a. c. G. E. Allis C. tot. 14,000 kw. 2300 v. 3 ph. 60 cys; 10,200 hp. e. Birmghm. Allis-C., G. E; 17,450 hp. b. Hab. & W; 11,000 kw. turb. (stm.) G. E, Allis-C; trans. volt. 13,000 v; trolley volt. 575 v; also purchases energy from Alabama Pwr. Co.
Power sta. at 19th St. and Powell Ave.; repair shop at 4th Ave. and 11th St.
Reaches East Lake Park.
153.65 miles; 4-8½ g; 183 motor and 154 other cars. (Sells energy to Birmingham-Tidewater Ry. Co.) 127

CLOVERDALE. 173 (1914).

(See No. 11.)

EDGEWOOD.

(See No. 2.)

ENSLEY. 7,000.

(See No. 3.)

FAIRHOPE. 590.

5 — Peoples Railroad Co.
1.5 miles; 1 gasoline car and 1 trail car. (Electrification contemplated in future.) 56

FLORENCE. 6,889.

(See No. 14.)

GADSDEN. 14,642 (1916).

6 — Alabama City, Gadsden & Attalla Ry. Co.—Office, Gadsden. (Leases Gadsden Ry. Co.) (Connects Gadsden, Attalla and Alabama City.)

Pres., Sec. & Treas.
E. T. Schuler.....Gadsden
V. Prests. { G. H. Schuler / Alston Green } Jacksonville, Fla. / Gadsden
*Gen. Mgr. C. J. Zell..... "
Trainmaster, M. D. Payne..... "
Power sta. equip. 3 rot. conv. Westg. tot. 900 kw; 2 a. c. Westg. tot. 1000 kw. 2300 v. 3 ph. 60 cys; 800 hp. b. Heine Safety; 1000 hp. turb. Westg; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. and repair shops at Gadsden.
11 miles; 4-8½ g; 10 passenger cars and 3 other cars. Company furnishes power for lighting and owns ice plant. ★127

7—Gadsden, Bellevue & Lookout Mountain Ry. — Office, Gadsden. (Connects Gadsden and Noccalula Falls.)
Pres. U. J. Virgin
838 Canal St., New Orleans, La.
*1st V. Pres., Gen. Mgr. & Pur. Agt.
Loui Hart.....Gadsden
2d V. Pres. T. J. Simpson.....Rome, Ga.
Sec. & Treas. A. R. Brindley....Gadsden
Audr. A. Greet..... "
Elec. Engr. & M. M.
A. A. Goddard..... "
Power purchased.
Repair shops at Noccalula Falls, Gadsden.
Reaches Noccalula Falls Park.
3.1 miles; 4-8½ g; 3 motor pass cars. ★127

HUNTSVILLE. 7,611.

8—Alabama Pwr. Co. (Huntsville Div.)—Local office, Huntsville. See Anniston for general officers.
Local Mgr. W. M. Stanley.....Huntsville
Supt. J. S. McLure..... "
M. M., R. V. McLure..... "
Ch. Engr. G. J. McInnish..... "
Power sta. equip. 4 d. c. Westg. 150 kw; 5 a. c. G. E., Westg. tot. 650 kw. 2300 v. 3 ph. 60 cys; 800 hp. e. Westg. R. & S. Ball; 820 hp. b. W. & W; trans. volt. 2300 v; trolley volt. 550 v.
Power sta. and repair shop, Clinton St. & Railroad.
4.83 miles; 4-8½ g; 10 motor cars. 77

MOBILE. 51 521.

9—Mobile Light & R. R. Co.—Office, 158 Government St., Mobile. (Connects Mobile, Whistler, Plateau, Magazine Point, Spring Hill and Crichton.)
Pres. J. H. Wilson.....Mobile
V. Pres. Chas. D. Willoughby..... "
*Sec. & Audr. M. W. Glover..... "
Treas. C. T. N. White-Spunner..... "
Claim Agt. R. W. Jones..... "
Pur. Agt. F. H. Peters..... "
Roadmaster ——— ——..... "
M. M.. S. M. Coffin..... "
Engr. Pwr. Sta. C. Manker..... "
Ch. Insptr. W. C. Stockman..... "
Power sta. equip. 3 d. c. G. E., Westg., S. & H. tot. 2350 kw; 8525 hp. e. Allis-C. Fulton. Ham: 1830 hp. b. Stir. Bab. & W; trolley volt. 600-500 v.
Power station at Royal Monroe and Water Sts.; repair shop at Monroe Park.
Owns Monroe Park (white) and reaches Dixie Park (colored).
60.5 miles: 4-8½ g: 65 motor pass.. 17 trail pass. and 30 other cars. ★127

10—Mobile & Pensacola Ry. & Navigation Co.—Office, Volanta. (Successor to Mobile, Volanta & Pensacola R. R. Co.) (Will connect Mobile to Volanta, E. Fairhope, Gabel, Barclay, Holland, Marlow, Summerdale, Ader, Elberta, and Lillian, Ala., and Pensacola, Fla., a distance of 44 miles.)
*Pres., Charles Barclay.....Volanta
V. Pres. M. H. Miller.....Volanta
Sec. & Treas. W. D. Stapleton.... "
Repair shop at Volanta.
Reaches park in Volanta.
4 miles in operation from Volanta, south to Euclid; 4 8½ g; 1 gas elec. car and 2 other cars. (10 miles of track have been laid.) 67j

MONTGOMERY. 38,136.

11—Montgomery Light & Traction Co.—Office, 3 Court Square., Montgomery. (Connects Montgomery, Oak Park, Pickett Springs and Cloverdale.)
Pres. Ray Rushton.....Montgomery
Sec. H. F. Crenshaw..... "
Treas. Chas. E. Norton..... "
*Gen. Mgr., Pur. & Cl. Agt.
C B. Jones..... "
Ch. Engr. Pwr. Sta.
J. M. Chumley..... "
M. M. W. M. Perdue..... "
Energy for railway service furnished by Montgomery Lt. & Wtr. Pwr. Co.; trolley volt. 550 v; repair shops, Madison Ave.
Owns Picket Springs Park and Washington Park (colored).
38 miles; 4-8½ g; 54 motor cars and 3 other cars. Company does general lighting and power business. 77

OXFORD. 1,090.

(See No. 1a.)

PHOENIX. 4,555.

(See No. 139.)

SELMA. 13,649.

13—Selma St. & Suburban Ry. Co.—Office, 112 No. Broad St., Philadelphia, Pa.
Pres. Robt. Wetherill...Philadelphia, Pa.
Sec. W. H. Roth..... " "
Treas. H. Bayard Hodge " "
Gen. Mgr. A. H. Knean " "
*Supt. & M. M.
W. E. Nees,.....Box 77, Selma
Pur. Agt. R. L. Ellis..... "
Power rented from Selma Lighting Co.; trolley volt. 550 v; repair shop at No. Broad St.
Owns Elkdale Park.
8 miles: 4-8½ g: 11 motor, 12 trail and 2 freight cars. ★127

SHEFFIELD. 4,865.

14—The Sheffield Co.—Office, Sheffield (Connects Sheffield, Florence and Tuscumbia.)
Pres. Henry Parsons, 101 Park Ave., New York, N. Y.
V. Pres. J. W. Worthington.....Sheffield
Asst. to V. Pres. & Pur. Agt.
W. S. Hatch..... "
Sec. & Treas. W. U. Parsons, 101 Park Ave., New York, N. Y.
Audr. U. G. Jones.....Sheffield
*Gen. Mgr. H. B. Johnson..... "
Supt. of Transp. G. M. Morris.... "
Supt. Water Dept. O. F. Swain... "
Ch. Elecn. H. H. Burt..... "
Engr. Pwr. Sta. J. O. Cosper..... "
M. M. Julius J. Frick..... "
Roadmaster, D. P. Azbell..... "
Power sta. equip 1 d. c. West. 325 kw; 2 a. c. West tot. 1500 kw. 2300 v. 3 ph. 60 cys; 800 hp. e. Brown, Wisconsin Eng. Co; 1200 hp. b. Wickes; 1750 kw. turb. (stm.) West, Allis-C; trolley volt. 600 v.
Power sta. and repair shops at Sheffield.
Owns and reaches two parks.

11½ miles; 4-8½ g: 10 motor pass. cars, 1 motor express car, 1 trailer and 1 freight car. (Company furnishes energy for power and lighting.) ★127

TUSCALOOSA. 8,407.

15—Tuscaloosa Ry. & Utilities Co.—Office, 2213 Broad St. (Successor to Birmingham-Tuscaloosa Ry. & Utilities Co.) (Purchased Tuscaloosa Ice & Lt. Co.) (Connects Tuscaloosa and Holt.)
Pres. J. H. Morris..... Philadelphia, Pa.
*V. Pres., Gen. Mgr. & Pur. Agt. I. W. Ross.....Tuscaloosa
Sec. & Treas. F. A. Courtnay.....Philadelphia, Pa.
Audr. G. A. Daniels.....Tuscaloosa
Supt. Ry. & M. M., C. J. Erickson..... "
Supt. Lt. & Pwr. E. C. Beatty "
Supt. Gas Dept. M. L. Thompson..... "
Ch. Engr. Pwr. Sta. P. J. Jeminez..... "
Energy purchased from Alabama Pwr. Co.; power plant used as "stand-by"; 1 d. c. West. 250 kw; 1 rot. conv. 500 kw; 2 a.c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys.; 1 d. c. gen. 350 kw. 600 v. direct connected to Ham-Cor. engine; 300 hp. e. W. & W; 300 hp. b. W. & W; 500 kw. turb. (stm.) G. E; trolley volt. 600 v.
Power sta. and repair shops at Tuscaloosa.
Owns and reaches Riverview Park.
15 miles; 4-8½ g; 5 motor and 17 other cars. (Co. does general lighting and power business.) ★18

VOLANTA.
(See No. 10.)

WHISTLER. 3,432.
(See No. 9.)

ALASKA.

THANE.

16—Alaska Gastineau Mining Co.—Office, Thane. (Operates 1 passenger train daily between Thane and Perseverance; road used chiefly for ore haulage.)
Gen. Mgr. B. L. Thane.....Juneau
*Supt. Transp. W. T. Tolch.....Thane
Local Pur. Agt. Roy Carmieu..... "
Asst. Supt. Wm. G. Carlberg..... "
M. M., L. M. Stevenson..... "
Roadmaster, Jno. Tarlsvik..... "
Engr. Ovhd. Constr. H. Henrichsen "
Power sta. on Salmon Creek; trolley volt. 500 v.
Repair shop at Thane.
5.25 miles: 3 g; 3 18-ton Baldwin West. locos and 2 6-ton G. E. locos; 2 trail pass. cars and 110 other cars. ★18

ARIZONA.

BISBEE. 9,019.
(See No. 20.)

DOUGLAS. 8,000 (1914).

17—Douglas Traction & Lt. Co.—Office, Douglas.
Pres. J. S. Douglas.....Douglas
V. Pres. Wm. Adamson..... "
Sec. S. P. Applewhite..... "
Treas. E. R. Pirtle..... "
*Gen. Mgr. & Pur. Agt. R. G. Arthur..... "
Energy purchased from Copper Queen Consld. Mining Co., Douglas, for railway service; trolley volt. 250 v; repair shops, Douglas.
Reaches Douglas Park (owned).
10 miles; 4-8½ g; 6 motor cars and 1 trail car. (Operates pwr. sta. for elec. ltg. service.) 127

PHOENIX. 11,134.

18—Phoenix Ry. Co. of Arizona.—Office, 1314 E. Washington St. (Connects Phoenix and Glendale.)
Pres. M. H. Sherman Westminster Hotel, Los Angeles, Cal.
V. Pres. R. P. Sherman 637 Consolidated Realty Bldg., Los Angeles, Cal.
Sec. A. I. Smith " " "
Treas. George H. Clark
*Gen. Mgr., Gen. Fgt. & Pass. Agt. & Pur. Agt. Sam'l H. Mitchell Phoenix
Claim Agt. C. E. Newcomer..... "
Power purchased from Pacific Gas & Electric Co.; trolley volt. 550 v; repair shop, 1300 E. Washington St.
32.5 miles; 4-8½ g; 20 motor cars and 1 other car. 127

TUCSON. 13,193.

19—Tucson Rapid Transit Co.—Office, Tucson. (Controlled by Federal Lt. & Trac. Co., New York, N. Y.)
Pres. E. N. Sanderson.. } 60 Broadway,
V. Pres. & Treas. J. Dunhill..... } New York, N. Y.
Sec. A. R. Marshall..... " "
Mgr. Frank E. Russell.....Tucson
Gen. Supt. & Ch. Engr. C. H. Nichols..... } 60 Broadway, New York, N. Y.
Energy purchased from Tucson Gas & Elec. Lt. & Pwr. Co; 2 d. c. West. tot. 500 kw; trolley volt. 550 v; repair shops, Tucson.
Reaches Elysian Grove.
5 miles; 4-8½ g; 9 motor cars. 127

WARREN. 425.

20—Warren-Bisbee Ry.—Office, Warren. (Connects Warren, Lowell, Johnson Addition, Bisbee, and Bakerville.)
Pres. & Gen. Mgr. J. C. Greenway Warren
*Sec. J. E. Curry..... "
Treas. & Audr. H. B. Paull, 120 B'way, New York, N. Y.
Supt. J. G. Cowen.....Warren
Pur. Agt. John B. Rawlings..... "
Supt. Mach'y W. E. McKee..... "
Barn Frmn. C. P. Cressey..... "
Power sta. equip. 3 a. c. Westg. tot. 800 kw. 3 ph. 60 cys; 800 kw. stm. turb. Westg; trans. volt. 2200 v. a. c.; trolley volt. 600 v. d. c.
Power sta. Upper Lowell, no P. O.; repair shop, Warren.
Owns and reaches amusement park.
6.7 miles; 4-8½ g; 8 pass. cars and 1 work car. Company does lighting. 127

ARKANSAS.

ARGENTA. 11,138.

21—Intercity Terminal Ry.—Office, 724 Main St. (Operates in Argenta and runs auto busses over bridge connecting Little Rock and Argenta.)
*Pres. C. C. Kavanaugh 221 Southern Tr. Bldg., Little Rock
Sec. & Treas. F. J. Schmutz. "
Gen. Mgr., Cl. Agt. & Pur. Agt. P. C. Warren.....Argenta
Energy purchased from Little Rock Ry. & Elec. Co.; trolley volt. 550 v.
Repair shops, Argenta.
5 miles; 4-8½ g; 5 motor and 4 other cars (20-passenger auto busses). 116

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EUREKA SPRINGS. 3,228.

23—Eureka Traction Co.—Office, Eureka Springs.
Pres. & Gen. Mgr.
H. I. Seidel.....Eureka Springs
V. Pres. E. M. Bare..... "
*Sec. & Treas. Robt. A. George "
Energy purchased from Eureka Springs Elec. Co.; trolley volt. 550 v.
Repair shop, Spring St. & Glen Ave.
Owns Auditorium Park and Opera House.
4 miles; 4-8½ g; 9 motor cars and 1 work car. ★127

FORT SMITH. 34,000 (1917).

24—Fort Smith Lt. & Traction Co.—(Controlled through stock ownership by Standard Gas & Elec. Co., and operated by H. M. Byllesby & Co., Chicago, Ill.)
Pres. A. S. Huey.....Chicago, Ill.
V. Pres. H. M. Byllesby..... "
2d V. Pres. F. C. Gordon..... "
3rd V. Pres. & Gen Mgr.
D. C. Green.....Fort Smith
Sec. John Brizzolara..... "
Treas. & Audr. R. E. Ballard.. "
Supt. & Claim. Agt.
T. G. Kelley..... "
Pur. Agt. W. R. Kennedy .... "
Ch. Engr. Pwr. Sta.
L. J. Noble..... "
M. M., M. E. Wright..... "
Engr. M. of W., M. C. Garlick "
Power sta. equip. 2 d. c. G. E. Allis-C. tot. 1100 kw; 3 a. c. G. E, West. tot. 2350 kw. 2300 v. 2 ph. 60 cys; 5750 hp. e. Fulton, Rus, Ham, Allis; 2500 hp. b. Bab. & W; trans. volt. 36,000 v; trolley volt. 575 v.
Power sta., First & C Sts.; repair shop cor. Midland Boulevard and Highway.
Owns and controls Electric Park.
38 miles; 4-8½ g; 41 motor cars. Company does general lighting and power business and distributes natural gas in Ft. Smith and Van Buren; furnishes energy to Ft. Smith-Oklahoma Lt. & Trac. Co. (Installing 1 3000-kw. 2300-v. 2-ph. West. stm. turb. and 2 600-hp. Bab. & W. boilers.) ★18

25—Fort Smith-Oklahoma Lt. & Trac. Co.—Office, 301 Garrison Ave., Fort Smith. (Operates in State of Oklahoma to the townsite of Arkoma.) (Part of system of Ft. Smith Lt. & Trac. Co.)
*Pres. & Gen. Mgr.
R. E. Ballard.....Ft. Smith
V. Pres. D. C. Green..... "
Sec. George Sengel, Jr..... "
Treas. R. D. Beard..... "
Energy purchased from Ft. Smith Lt. & Trac. Co.; trolley volt. 550 v.
1.21 miles; 4-8½ g; 1 motor pass. car. ★127

HELENA. 8,772.

26—The West Helena Consolidated Co. (Successor to Interurban Ry. Co.)—(Connects Helena and West Helena.)
Pres. E. C. Hornor.....Helena
V. Pres. R. B. Mason..... "
*Sec. & Treas. J. S. Hornor..... "
Gen. Mgr. E. T. Hornor..... "
Gen. Fgt. & Pass. Agt.
G. L. Hornor.....Helena
M. M. H., N. Tibbles.....West Helena
Engr. M. of W., E. P. Douglas "
Power purchased from the Helena Gas & Elec. Co.
Repair shops at West Helena.
Reaches Beech Crest Park, Walnut Grove (owned).
5.5 miles; 4-8½ g; 21 motor and 16 other cars. 126

HOT SPRINGS. 14,434.

27—Central Arkansas Ry. & Lt. Corpn.—Office, 60 B'way, New York, N. Y. (Controls Hot Springs St. Ry. Co., Hot Springs Wtr. Co., Citizens Elec. Co. and Consumers Gas Co., and in turn is controlled by the Federal Lt. & Trac. Co.)
Pres. E. N. Sanderson
60 Broadway, New York, N. Y.
V. Pres. & Treas.
J. Dunhill..... " "
Sec. A. R. Marshall.. " "
127

28—Hot Springs St. Ry. Co.—Office, 915-917 Central Ave. (Controlled by Central Arkansas Ry. & Lt. Corpn., which in turn is controlled by the Federal Lt. & Trac. Co., New York, N. Y.)
Pres. E. N. Sanderson.. } 60 Broadway,
V. Pres. J. Dunhill..... } New York, N.Y.
Sec. & Treas. F. H. Russ.....Hot Springs
Mgr. S. E. Dillon..... "
Gen. Supt. & Ch. Engr. } New York,
C. H. Nichols..... } N. Y.
Supt. J. H. Butterfield.....Hot Springs
Ch. Engr. J. A. Murphy..... "
Energy purchased from Citizens Elec. Co.; repair shop at 787 Park Ave.
13.8 miles; 4-8½ g; 32 motor and 2 other cars. ★127

LITTLE ROCK. 61,627 (1913).

29—Little Rock Ry. & Elec. Co.—Office, 115 W. 4th St. (Connects Little Rock and Pulaski Heights.) (Controlled by the American Cities Co.)
Pres. D. H. Cantrell.....Little Rock
V. Pres. & Treas.
W. L. Heminway..... "
Sec. & Audr. W. J. Tharp.... "
*Gen Mgr. & Pur. Agt.
C. J. Griffith..... "
Supt. Ry. Dept.. R. Eick..... "
Claim Agt.
Elmer Schoggen, 417 Main St. "
Supt. Distrb. P. T. Philips.... "
Engr. Pwr. Sta. A. W. Russell.. "
M. M., A. R. Koonce..... "
Com. Mgr. A. E. Smith..... "
Power sta. equip. 2 d. c. G. E. tot. 1650 kw; 4 a. c. turbo-gen. G. E. tot. 6500 kw. 2300 v. 3 ph. 60 cys; rot. conv. tot. 1250 kw; 2500 hp. e. Ham. Cor; 4400 hp. b. A.-T; trolley volt. 600 v.
Power sta. foot of Arch St.; repair shops at 1000 North St.
Reaches Kavanaugh Field and Forest Park.
39.58 miles; 4-8½ g; 75 motor and 15 other cars. Company does general ltg. & pwr. business; sells energy to Intercity Terminal Ry. Co. ★127

PINE BLUFF. 15,102.

30—The Pine Bluff Co. Office, 512 Main St.
Pres. F. G. Bridges.....Pine Bluff
V. Pres., Treas. & Gen. Mgr.
H. C. Couch..... "
Sec. & Audr. Roy B. Fowles... "
*Supt. & Claim Agt.
Minor Q. Woodward..... "
Ch. Engr. Pwr. Sta.
Frank Emerson..... "
Power sta. equip. 2 d. c. G. E. tot. 600 kw; 3 a.c. G.E. tot. 2250 kw. 2300 v. 3 ph. 60 cys; 2250 hp. steam turb. G. E; 1800 hp. b. Bab. & W; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. 4th & Ash Sts., and repair shop at 3d and Ash Sts.
9.5 miles; 4-8½ g.; 21 motor and 3 other cars. Company does general lighting and power business. 77

TEXARKANA (Ark-Tex.). 20,000.

31—Southwestern Gas & Elec. Co. (Texarkana Div.). — Office, 122 East

Broad St., Texarkana, Ark. (Connects Texarkana, Ark., and Texarkana, Tex.)
Pres. Henry M. Dawes. } 1615 Harris Trust
V. Pres. R. C. Dawes } Bldg., Chicago, Ill.
Sec. John W. Lansley
111 W. Monroe St., " "
Treas. J. C. Markley.. } 1615 Harris Trust
Audr. C. W. Demmon } Bldg., Chicago, Ill.
Gen. Mgr. W. L. Wood, Jr.....Texarkana
*Pur. Agt. W. E. Bann..... "
Supt. L. W. Johnson..... "
Claim Agt. W. E. Casey..... "
Elec. Engr. & Engr. Ovhd.
Constr. A. Patterson..... "
Ch. Engr. Pwr. Sta. A. W. Ball "
Roadmaster, J. H. Earhart..... "
Power sta. equip. 1 d. c. Westg. 250 kw; 3 a. c. Bull, Allis-C., tot. 875 kw. 2300 v. 3 ph. 60 cys; 1650 hp. e. Fulton, Allis-C., Ham; 1676 hp. b. Heine, Stir; 1000 kw. turb. (stm.) G. E; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. Texarkana, Ark.; repair shops, Texarkana, Tex.
Reaches Spring Lake Park, Texas.
14 miles: 4-8½ g; 22 motor and 7 other cars. Company does a lighting business.
★127

WALNUT RIDGE. 1,798.

33—Central Power & Lt. Co.—Office, 1511 Chemical Bldg., St. Louis Mo. (Successor to Walnut Ridge & Hoxie Lt. Pwr. & Transit Co..) (Connects Walnut Ridge and Hoxie.)
*Pres. S. C. Dowell.....Walnut Ridge
V. Pres. W. S. McCall.....St. Louis, Mo.
Sec. H. L. Ponder.....Walnut Ridge
Treas. & Audr. E. H. Gorse..St. Louis, Mo.
Gen. Mgr. James Favor....Walnut Ridge
Pur. Agts. Morrison & McCall,
St. Louis, Mo.
Ch. Engr. J. F. Wilson....Walnut Ridge
Elec. Engr. D. L. Kizer.... " "
Ch. Engr. Pwr. Sta. & M. M.
W. E. Patterson..... " "
Power sta. equip. 2 a.c. West, Allis-C. tot. 250 kw. 2300 v. 3 ph. 60 cys; 2 mo.-gen. sets tot. 100 kw. 550 v; 450 hp. e. St. L. Cor, Bckye; 300 kw. turb. (stm.) West; 600 hp. b. Heine, Fulton Iron Wks; trans. volt. 13,500 v; trolley volt. 550 v.
Power sta. and repair shop at Walnut Ridge.
2.50 miles; 4-8½ g; 4 motor cars. Company does lighting & power business.
★127

CALIFORNIA.

ALAMEDA. 23,383.

(See No. 52.)

BAKERSFIELD. 12,727.

33—Bakersfield & Kern Elec. Ry. Co.—Offices, Fresno. (Controlled by San Joaquin Lt. & Pwr. Corpn.) (Connects Bakersfield and Kern City.)
Pres. W. G. Kerckhoff.....Los Angeles
V. Pres. A. C. Balch..... "
Sec. L. M. Farnham..... "
Treas. & Compt. A. E. Peat... "
Audr. D. M. Speed.....Fresno
*Gen. Mgr. A. G. Wishon..... "
Supt. & Gen. Fgt. & Pass. Agt.
J. F. Turner.....Bakersfield
Claim Agt. M. Bourne.....Fresno
Pur. Agt. J. H. Newlin..... "
Ch. Engr. & Engr Overhead
Constr. E. A. Quinn..... "
Elec. Engr. C. L. Easton.....Bakersfield
Ch. Engr. Pwr. Sta.
A. Y. Mundell..... "
M. M., V. N. Mickelberry.... "
Engr. Maint. of Way,
D. B. Ogle..... "
Power sta. equip. 2 d. c. G. E. tot. 535 kw: 3 a. c. turbo-gen. Allis-C, G. E. tot. 16,550 kva. 2300 v. 3 ph. 60 cys; 6125 hp. b. Bab. & W, Sterling; trolley volt. 600 v.
Power sta. at Bakersfield; repair shops at 19th St. & Union Ave., Bakersfield.
Reaches Recreation Park (owned).
10.20 miles; 4-8½ g; 15 motor cars. 57

BERKELEY. 40,434.

(See No. 52.)

BIGPINE. 600.

34—Big Pines Lime & Transportation Co.—Office, Merchants National Bank Bldg., Los Angeles. (Formerly Lone Pine Utilities Co.) (Extends from Bigpine Station of Santa Fe Railway to lime deposits, a distance of 7 miles.)
Pres. & Gen. Mgr.
E. E. Denton.....Los Angeles
V. Pres. D. G. Fraser..... "
*Sec., Treas. & Audr. E. Earl Crandall
Van Nuys Bldg., Los Angeles
Ch. Engr. R. W. Shoemaker. "
7 miles; trackless trolley. 65

CHICO. 3,750.

36—Northern Electric Ry.—Office, Hobart Bldg., San Francisco. (The Marysville & Colusa Branch, Sacramento & Woodland R. R. Co. and Sacramento Terminal Co. are subsidiaries.) (Connects Chico, Oroville, Colusa, Live Oak, Yuba City, Marysville, Sacramento and Woodland.)
Receiver, John P. Coghlan
Hobart Bldg., San Francisco
Pres. Leon Sloss
310 Sansome St., "
V. Pres. Louis Sloss " "
Sec. & Treas.
E. K. Pedler " "
Audr. J. R. Parke.....Sacramento
Pur. Agt. L. S. Jones
310 Sansome St., San Francisco
*Supt. J. B. Rowray.....Chico
Claim Agt. J. W. Grace.....Sacramento
Traffic Mgr. J. R. Wilson..... "
Supt. Pwr. Russell Gould.....Chico
Civil Engr. H. O. Brown.....Sacramento
Sub.-sta. equip. 13 d. c. Westg. tot. 5900 kw; third rail volt. 600 v; energy purchased from Pacific Gas & Elec. Co. 60,000 v. to 2200 v.
Repair shop at Chico.
217.65 miles; 4-8½ g; 36 passenger, 8 motor freight, 297 other freight and 21 work cars; 8 elec. locos. 77

CORONADO. 1,477.

(See No. 58.)

DEL MAR. 330.

(See No. 75.)

EAGLE ROCK. 1,450 (1913).

(See Nos. 42 and 46.)

EUREKA. 14,000 (1918).

38—Humboldt Transit Co.—Office, J. & Harris Sts.
Pres. Wm. Butterworth.....Moline, Ill.
V. Pres. C. Pomeroy
907 Kohl Bldg., San Francisco
Sec. & Treas. Horace R. Hudson
907 Kohl Bldg., San Francisco
*Gen. Mgr., Audr., Claim & Pur. Agt.
J. W. Hale.....Eureka
Asst. Mgr. Mitchell Russell..... "
Elec. Engr., M. M., & Engr. Ovhd.
Constr. E. I. Pike..... "
Ch. Engr. Pwr. Sta.
W. H. Ward..... "
Engr. M. of W., J. C. Clark..... "
Power sta. equip. 3 d. c. West. tot. 400 kw; 650 hp. e. U. I. W.; 274 hp. b. Bab. & W; trolley volt. 550 v.

Power sta. on Humboldt Bay; repair shops, "J" & Harris Sts.
Reaches and controls Sequoia Park.
12 miles; 4-8½ g; 16 motor pass. cars and 1 work car. ★127

EXETER. 600.

39—Visalia Electric R. R. Co.—Gen. Office, Pacific Electric Bldg., Los Angeles. (Connects Visalia, Farmersville, Exeter, Merryman, Lemoncove, Naranjo, Woodlake, Redbanks, Rose Street Station and Elderwood.) (Controlled by the Southern Pacific Co.)
Pres. Paul Shoup.....Los Angeles
V. Pres. R. P. Schwerin....San Francisco
Sec. & Audr. H. A. Culloden, Los Angeles
Treas. M. S. Wade..... "
Gen. Mgr. Frank W. Webster.....Exeter
Supt. & Elec. Engr.
W. P. Ballard..... "
Pur. Agt. I. L. Ward.....Los Angeles
Fgt. Claim Agt. E. T. Albert.. "
Ch. Engr. Pwr. Sta. J. E. Jones....Exeter
M. M., A. A. Benn..... "
Roadmaster, Murray Parsons ..... "
Energy purchased from Mt. Whitney Pwr. & Elec. Co.; trans. volt. 11,000 v; trolley volt. 3300 v; 2 a. c. West. tot. 750 kw. 11,000 v. s. ph. 15 cys.
Repair shops and sub-sta. at Exeter.
Reaches Terminus Beach.
50.03 miles (16.64 miles of track owned by Southern Pacific Co.); 4-8½ g; 6 motor pass. cars, 2 trail pass. cars and 3 other cars: 1 elec. loco. and 2 gas elec. locos. (Extension from Exeter to Strathmore, 20.9 miles, under construction; will be placed in operation during 1918; gas-electric power will be used.) ★18

FRESNO. 24,892.

(See also No. 33.)

40—Fresno Interurban Ry. Co.—Gen. Office, 464 California St. (Operates in Fresno and extends 17 miles east of Fresno to Sunmaid; does mostly freight business and has connections with Santa Fe and Southern Pacific at Fresno.)
*Pres. Thos. M. Paterson, 464 Calif. St., San Francisco
V. Pres., Treas. & Gen. Mgr. J. J. Mahoney..... " "
Sec. & Audr. Geo. H. Bradner..... " "
Supt. & Pur. Agt. W. F. Fuller.....Fresno
Cl. Agt. & Gen. Fgt. & Pass. Agt. M. I. Dohner..... "
Energy purchased from San Joaquin Lt. & Pwr. Corpn.; 1 d. c. G. E. 100 kw; trolley volt. 550 v.
Repair shops at Alvina Heights.
19 miles; 4-8½ g; 2 elec. motor cars and 1 gasoline motor car. (Expects to build 6 miles to Centerville and Kings River head gates.) ★127

41—Fresno Traction Co.—Gen. office, Pacific Electric Bldg., Los Angeles. (Leases Fresno City Ry. Co. (8.14 miles). (Controlled by Southern Pacific Co.)
Pres. W. F. Herrin.....San Francisco
V. Pres. Paul Shoup.....Los Angeles
Sec. & Audr. H. A. Culloden.. "
Treas. M. S. Wade..... "
Gen. Mgr. Frank W. Webster.....Fresno
Supt. E. A. Devereaux..... "
Claim Agts. Everts & Ewing..... "
Pur. Agt. I. L. Ward .....Los Angeles
Ch. Engr. A. H. Babcock Flood Bldg., San Francisco
M. M., A. P. Granger.....Fresno
Roadmaster, A. Manecly..... "
Energy purchased from San Joaquin . & Pwr. Corpn.; 4 d.c. motor-gen. sets G. E, West, Allis-C. tot. 1400 kw; trolley volt. 550 v.
Repair shops, First and Tulare Sts.
Reaches and owns Recreation Park and Fresno Beach.
45.01 miles; 4-8½ g; 32 motor cars and 1 elec. loco; 2 other cars. (In addition to the above mileage, owns 8.51 miles leased to and operated by Southern Pacific Co.) ★18

GLENDALE. 8,897 (1913).

42—Glendale & Montrose Ry.—Office, 1111 Broadway. (Connects Glendale, Eagle Rock, Montrose and La Crescenta.)
Pres. Wm. G. Henshaw 762 Mills Bldg., San Francisco
V. Pres. John Treanor 640 Title Ins. Bldg., Los Angeles
*Sec., Treas. & Gen. Mgr. Norman Macbeth 640 Title Ins. Bldg., Los Angeles
Audr. W. M. Mills.....Glendale
Supt. & Pur. Agt. T. I. Stephens..... "
Purchases energy from Southern California Edison Co.; 1 mo-gen. set 350 kw. 2200 v. 3 ph. 60 cys; trans. volt. 10,000 v; trolley volt. 600 v.
Sub-sta. and repair shop, Montrose.
8 miles; 4-8½ g; 5 motor cars and 2 other cars. (Contemplates 6-mile extension to Sunland.) ★127

GRASS VALLEY. 4,520.

43—Nevada County Trac. Co.—Office, Room 411, 332 Pine St., San Francisco, Cal.
*Pres. John Martin.....San Francisco
Sec. & Treas. F. H. Pierson.. "
Gen. Mgr. & Pur. Agt. C. C. Skewes.....Grass Valley
Elec. Engr., Ch. Engr. Pwr. Sta. & M. M., T. C. Thomas "
2 d. c. G. E. tot. 300 kw; 2 a. c. Stanley tot. 300 kw. 4200 v. 3 ph. 60 cys; trans. volt. 4200 v; trolley volt. 600 v.
Pwr. sta. and repair shops at Glenbrook.
Olympia Park reached.
5 miles; 4-8½ g; 4 cars. ★127

INGLEWOOD. 1,536.

(See No. 46.)

LA JOLLA. 1,200.

(See No. 56.)

LOS ANGELES. 319,198.

(See also Nos. 34, 39, 41, 71, 72, 74 and 77.)

45—Los Angeles & Mt. Washington Ry. Co.—Office 200 Marsh-Strong Bldg. (Incline to top of Mt. Washington.)
*Pres. Robt. Marsh..... } 200 Marsh-
V. Pres. J. E. Marsh..... } Strong Bldg.
Sec. & Treas. R. D. Middleton "
Gen. Mgr. Geo. F. Hargis.....Avenue 43
Energy purchased from Pacific Lt. & Pwr. Corpn.
Owns hotel and 14-acre park on Mt. Washington.
3000 ft. (electric, 3rd rail, cable); 3-6 g; 2 cars. 126

46—Los Angeles Ry. Corpn.—Office, 6th & Main Sts. (Successor to Los Angeles Ry. Co.—narrow gauge lines of Pacific Elec. Ry. and Los Angeles Interurban Ry. in Los Angeles. and all those portions of the Los Angeles & Redondo Ry. Co. and California-Pacific Ry. Co. north of a line running through Athens and Hawthorne.) (Controls City Railway Co. of Los Angeles.) Connects Los Angeles, Eagle Rock, Colegrove and

Vernon, Huntington Park, Sunnyside, HydePark and Inglewood.)
Pres. H. E. Huntington 25 Broad St., New York, N. Y.
V. Prests. W. E. Dunn.....Los Angeles
*Gen. Mgr. Howard Huntington.. "
Sec., Treas., Compt. and Audr. C. A. Henderson..... "
Asst. Gen. Mgr. G. J. Kuhrts "
Pur. Agt. Chas. Barrington, Jr. "
Supt. E. L. Lewis..... "
Cl. Agt. T. A. Cole..... "
Asst. Supts. F. H. Van Vranken.. "
A. B. Merrihew..... "
Ch. Engr. Thos. W. Bulpin. "
Elec. Engr. L. O. Lieber..... "
M. M., E. L. Stephens..... "
Supt. Elec. Repairs, J. L. Clarke "

Energy purchased from Pacific Lt. & Pwr. Corpn.; trans. volt. 15,000 v; trolley volt. 600 v; repair shops at 54th St. & Sonth Park Ave.

Reaches all but one park in vicinity.

389.08 miles; 3-6 g; 926 motor and 54 other cars. 37j

47—Montecito Railroad Co.—Office, 204 Higgins Bldg. (Operates a local line in Los Angeles.)
*Pres. W. D. Larrabee..204 Higgins Bldg.
V. Pres. M. E. Johnson. "
Sec. Chas. P. Brown.... "
Audr. M. E. Hammond . "

Purchases energy.

Repair shops at No. Griffin Ave. and Montecito Drive.

1.46 miles; 3-6 g; 1 motor car. 77

48—Pacific Elec. Ry. Co.—Office, Pacific Electric Bldg. (A consolidation of the Pacific Elec. Ry., Los Angeles Interurban Ry., Los Angeles & Redondo Ry. Co., Los Angeles-Pacific Co., The Riverside & Arlington Ry. Co., The San Bernardino Valley Trac. Co., Redlands Central Ry. Co. and San Bernardino Inter-Urban Ry. Co.) (Acquired property of Peck R. R Co. and Ontario & San Antonio Heights R. R. Co.) (Connects Los Angeles with all principal suburban towns within a radius of 75 miles; also Mt. Lowe, Rubio Canyon, La Ramada and direct line to mountain resorts of the San Gabriel range.) (Leases from Southern Pacific Co., branch from Clement Junction to Sentous and from Sentous to Port Los Angeles Wharf including branch to Soldiers Home.) (Controlled by Southern Pacific Co.)

SOUTHERN DIV. comprises: Long Beach, Whittier, La Habra, Santa Ana, Santa Ana-Orange, Santa Ana-Huntington Beach, Redondo Ave. Line, West Athens Line, Hawthorne Line, Seaside Park-Bay City Line, Newport, Alamitos Bay, Watts Local, Long Beach City, Long Beach-San Pedro, San Pedro City, San Pedro via Dominguez. Redondo via Watts, and San Pedro via Gardena lines and branches thereof, including Long Beach, San Pedro and Redondo Terminals.

NORTHERN DIV. comprises: Edendale, Glendale, Burbank, Annandale, South Pasadena, Pasadena Short Line. Pasadena via Oak Knoll, Pasadena City, El Molino Local, Mount Lowe, Sierra Madre, Monrovia, Glendora, San Gabriel, Covina and San Dimas. San Bernardino and Pomona lines and branches thereof.

WESTERN DIV. comprises: Redondo via Playa del Rey, Venice Short Line, Sawtelle, Westgate, Lagoon, Santa Monica Air Line, with eastern terminus at Clement Junction, Inglewood, Hollywood, Santa Monica, Colegrove, Lankershim, Van Nuys, Laurel Canyon, Arlington Heights, Western & Franklin Avenue, Owensmouth and Fernando lines and branches thereof.

EASTERN DIV. comprises: San Bernardino City, Colton, Redlands, Redlands City, Highland, Arrowhead, Riverside City, Victoria, Magnolia, Bloomington, Corona and Rubidoux lines and branches thereof.
Pres. Paul Shoup.....Los Angeles
*Sec. & Audr. H. A. Culloden "
Treas. I. W. Hellman..... "
Asst. Treas. M. S. Wade..... "
Gen. Mgr. J. McMillan..... "
Attorney, Frank Karr..... "
Gen. Supt. F. L. Annable..... "
Pur. Agt. I. L. Ward..... "
Land Agt. Geo. L. Bugbee.... "
Tax Agt. F. A. Alspach..... "
Mgr. Outside Oper. C. H. Burnett..... "
Gen. Claim Agt. S. A. Bishop.. "
Gen. Traffic Insp. M. P. Groftholdt..... "
Supt. So. Div. O. P. Davis.... "
Asst. Supt. So. Div. S. E. Wilson..... "
Supt. West. Div. W. C. White "
Asst. Supt. West. Div. E. Clark..... "
Supt. No. & East. Divs A. C. Bradley..... "
Asst. Supts. F. E. Peachey.. "
No. Div. H. E. Rodenhouse Pasadena
Asst. Supt. East. Div. C. H. Belt.....San Bernardino
Traveling Pass. Agts. H. O. Marler.....Los Angeles
Traveling Fgt. Agts. F. E. Billhardt. "
F. C. Weeks..... "
G. C. Foster..... "
Mech. Supt. Fred F. Small.... "
Ch. Engr. Geo. E. Pillsbury. "
Asst. Ch. Engr. (Chge. Maint. of W. & S.) E. C. Johnson..... "
Elec. Supt. S. H. Anderson... "
Asst. Elec. Supt. C. M. Warnecke.....Los Angeles
Asst. Elec. Supt. (Chge. Pwr. & Elec. Distb.) Julian Adams..... "
Asst. Elec. Supt. (Chge. Sub-sta. Const. & Maint.) W. F. Smith "
Pub. Agt. D. M. Reynolds..... "
Gen. Storekeeper, C. Thorburn, 7th & Central "
Mgr. Trolley Trips, W. H. Dempster..... "
Resort Agt. N. B. Vickrey.... "

Pwr. sta. equip. 1 d. c. West. 1000 kw; 8 a. c. Bull, Stanley, tot. 12,850 kw. 2200 v. 3 ph. 50 cys; 17,000 hp. e. McI. & S; 15,000 hp. (approx.) b. Sterling, Bab. & W. Edge; 2750 kw. turb. (stm.) West; trans. volt. 15,000 v; trolley volt. 575 & 1200 v. Energy purchased from Pacific Lt. & Pwr. Corpn. and Southern Cal. Edison Co. Stations at Los Angeles and Vineyard not in operation.

Power stas. at 636 Central Ave., Los Angeles and Vineyard and Stone Castle (2 d. c. G. E. West. tot. 128 kw.); repair shops at 7th St. and Central Ave., Los Angeles, Sherman and Redondo.

Owns and reaches Alpine Tavern, Mt. Lowe: Urbita Springs Park, San Bernardino; La Ramada Park, Glendale; Redondo Beach Resorts and Rubio Canyon.

1059.48 miles; 4-8½ g; 671 motor cars; 43 elec locos; 1168 other cars. (Co. does ltg. business in Southern Cal.) ★117j

MARYSVILLE. 5,430.
(See No. 36.)

MONROVIA. 8,676.
(See No. 48.)

MONTEREY. 4,928.

49—Monterey & Pacific Grove Ry. Co.—Office, 58 Sutter St., San Francisco. (Owned and operated by Coast

Valleys Gas & Elec. Co., which is controlled by the California Ry. & Pwr. Co.) (Connects Del Monte, Monterey and Pacific Grove.)
Pres. W. L. McKinley....San Francisco
Gen. Mgr. H. F. Jackson.. " "
*Sec., Treas. & Audr. F. J. Blanchard..... " "
Pur. Agt. L. C. Helfrick " "
Supt. C. H. Noack.....Monterey
Ch. Engr. Jas. Thexter..... "
Energy from Coast Valleys Gas & Elec. Co.
Repair shop at Monterey.
5.65 miles; 4-8½ g: 7 motor cars and 1 other car. ★18

NAPA. 7,500 (1911).

50—San Francisco, Napa & Calistoga Ry.—Office, Suscol Ave., Napa. (Connects San Francisco, Vallejo, Napa, Yountville, Oakville, Rutherford, St. Helena and Calistoga.)
Pres. James Irvine 820 Crocker Bldg., San Francisco
1st V. Pres. Guy C. Earl 14 Sansome St., " "
2d V. Pres. John T. York.....Behlow Bldg., Napa
Sec. & Treas. T. V. Maxwell 820 Crocker Bldg., San Francisco
Audr. J. C. Robbins.....Napa
*Gen. Mgr. & Pur. Agt. C. E. Brown..... "
Supt. Transp. C. L. Humphreys.... "
Supt. Equipt. Geo. A. Hearn..... "
Roadmaster, C. L. Nelson..... "
Energy purchased from Great Western Pwr. Co. 3 d. c. Westg. tot. 65 kw: 3 a. c. Westg. tot. 1600 kw. 6600 v. s. ph. 25 cys: trans. volt. 6600-33,000 v; trolley volt., 3300 v.
Repair shop at Suscol Ave., Napa.
44.522 miles (catenary overhead, 3300 v. s. ph.); 4-8½ g; 13 motor and 23 other cars. ★127

NATIONAL CITY 2,500 (1915).
(See No. 59.)

OAKLAND, 150,174.

51—Oakland, Antioch & Eastern Ry.—Office, 40th St. & Shafter Ave., Oakland and Hobart Bldg., San Francisco. (Connects San Francisco, Sacramento, Oakland, Walnut Creek, Concord, Bay Point, Pittsburg, Danville and Alamo.)
Pres. W. Arnstein.....San Francisco
1st V. Pres. & Ch. Engr. S. L. Naphtaly..... "
2d V. Pres. H. C. Breeden Butler Bldg., "
Sec., Treas. & Gen. Mgr. H. A. Mitchell.....Oakland
Audr. of Fgt. & Pass. Accts. Thos. Kearns..... "
*Audr. of Disbursements, H. J. Sutherland..... "
Trainmaster, M. J. Hynes..... "
Supt. Tunnels J. D. Walsh..... "
Supt. Marine Equipt. Capt. J. Ough "
Claim Agt. Gen. Fgt. & Pass. Agt. L. H. Rodebaugh..... "
Pur. Agt. H. E. Jaeger..... "
Ch. Engr Pwr. Sta. & Equip. & M. M., F. A. Miller... "
Engr. Msint. of Way, R. L. Lowry "
Engr. Ovhd. Constr. H. F. Niell. "
Energy purchased from Great Western Pwr. Co: 8 d. c. W. E. G. E. tot. 4500 kw: trans. volt. 11,000—22,000 v; trolley volt. 1200 v.
Repair shops, 40th & Shafter Aves. Reaches Pinehurst (owned).
117.22 miles (4000 ft. tunnel in Redwood Canyon, between Alameda and Contra Costa counties): 4-8½ g: 18 pass. motor cars, 16 pass. trail cars, 6 locos., 76 freight and 15 misc. cars. ★127

52—San Francisco - Oakland Terminal Rys.—Office, Key System Bldg., 22d and Grove Sts., Oakland. (Consolidation of San Francisco, Oakland & San Jose Consolidated Ry., Oakland Traction Co., East Shore & Suburban Ry. Co., California Railway, Oakland Traction Consolidated, Berkeley Traction Co., Oakland Transit Co., Oakland, San Leandro & Hayward Ry. Co., Alameda, Oakland & Piedmont Elec. Ry., East Oakland St. R. R., Highland Park & Fruitvale R. R., Piedmont & Mountain View Ry., Oakland Ry. Co., Webster & Park Ry. and San Francisco, Oakland & San Jose Ry.) (Connects Oakland, Alameda, Berkeley, Richmond, Albany, San Leandro, Hayward, Piedmont, Emeryville, San Lorenzo and San Francisco.)
Pres. ——————.....Oakland
*V. Pres. & Gen. Mgr. W. R. Alberger..... "
Sec. & Treas. F. W. Frost..... "
Asst. Sec. Angus Clark..... "
Audr. B. W. Fernald..... "
Attorneys { M. C. Chapman..... " / W. H. Smith..... "
Pur. Agt. S. H. Pickard..... "
Traffic Agt. G. E. Shelden..... "
Gen. Supt. Geo. H. Harris..... "
Supt. Transp. J. P. Potter..... "
Claim Agt. John S. Mills..... "
Ch. Engr. A. W. MacPherson.... "
Elec. Engr. H. P. Bell..... "
Signal Engr. L. E. Jones..... "
Supt. Equipt. G. St. Pierre..... "
M. M., W. P. Jackson..... "
Engr. Overhead. Constr. Thos. Kerin..... "
Supt. Central Div. A. H. A. Smith..... "
Supt. West. Div. H. Kelton..... "
Supt. East. Div. R. Hansen..... "
Supt. North. Div. C. F. Donnelly "
Supt. Key Div. E. H. Thornton.. "
Supt. Ferry Dist. W. A. Rasmusen "
Storekeeper, Chas. Christopher.. "
Power sta. equip. 16 d. c. G. E. West. McC. Bull tot. 10,550 kw; 12,000 hp. e. Penn. Cor. Ham. St. L. Ball. McI. & S; 8950 hp. b. Bab. & W. A. & T; trolley volt. 600 v.
Sub-sta. equipt. (Richmond): 3 d. c. G. E., West. tot. 2400 kw; trans. volt. 10,000.
Large proportion of energy purchased at 5 sub-stations from Pacific Gas & Elec. Co. and United Lt. & Pwr. Co.
Power sta. and repair shops at Emeryville, Cal.
Owns East Shore Park, Richmond.
256.84 miles: 4-8½ g; 380 motor and 47 other cars, 5 ferry boats. ★127

ONTARIO. 4,874.
(See No. 48.)

PASADENA. 30,291.
(See No. 48.)

PETALUMA. 5,880.

53—Petaluma & Santa Rosa Ry. Co.—Office, 717 Balboa Bldg., San Francisco. (Connects Petaluma, Santa Rosa, Sebastopol, Forestville and Two Rock.) (Operates Str. "Gold" and "Petaluma" bet. Petaluma and San Francisco, 37 miles.)
Pres. Thos. Maclay.....Petaluma
V Pres. & Sec. E. T. McMurray.....San Francisco
Treas. Geo. P. McNear.....Petaluma
*Audr. H. von Emster..... "
Gen. Mgr., Fgt. & Pass. Agt. E. H. Maggard..... "
Ch. Engr. W. G. Rennison..... "
M. M., H. H. Oellig..... "
Energy purchased from Pacific Gas &

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Elec. Co.; trans. volt. 60,000 v; trolley volt. 575 v.
Sub-sta., Sebastopol; repair shops at Petaluma.
43.41 miles; 4-8½ g; 14 motor cars and 81 other cars. ★127

POMONA. 10,207.
(See No. 48.)

REDLANDS. 10,449.
(See No. 48.)

REDONDO BEACH. 2,985.
(See No. 48.)

RIALTO. 400.
(See No. 54.)

RICHMOND. 6,802.
(See No. 52.)

RIVERSIDE. 15,212.
(See also No. 48.)

SACRAMENTO. 75,602.
(See also Nos. 36 and 51.)

55—Pacific Gas & Elec. Co.—Gen. office, 445 Sutter St., San Francisco. (Operates entire street railway system; Riverside Road line (1.64 miles) operated under lease.)
Pres. Frank G. Drum.....San Francisco
*1st V. Pres. & Gen. Mgr.
John A. Britton..... "
2d V. Pres. & Treas.
A. F. Hockenbeamer..... "
Sec. & Asst. Treas.
D. H. Foote..... "
Asst. Treas. Jos. C. Love.. "
Asst. Sec. Chas. L. Barrett. "
Audr. M. H. Bridges..... "
Supt. Ry. Dept. N. J. Hullin
11th & K Sts., Sacramento
Cl. Agt. J. P. Coghlan.....San Francisco
Pur. Agt. John H. Hunt... "
Ch. Engr. P. M. Downing.. "
M. M., G. C. Sneider.....Sacramento
Publicity Agt. F. S. Myrtle..San Francisco
Power sta. equip. 2 d. c. G. E., C. W. tot. 2000 kw; 1 a. c. turbo-gen. G. E. 5000 kw. 4150 v. 3 ph. 60 cys; 3288 hp. b. Bab. & W; trans. 110,000 & 60,000 v; trolley volt 550-600 v.
Power sta., 6th and H Sts. Electrical system of co. consists of 13 hydro-electric plants and 3 steam plants, which operate in parallel, supplying co's. transmission system of 1620 miles; repair shops, 28th and M Sts.
Reaches and owns Oak Park.
43.89 miles: 4-8½ g; 61 motor and 4 other cars. Company does general ltg. and pwr. business in thirty counties of central California. ★127

SAN BERNARDINO. 12,779.
(See No. 48.)

SAN DIEGO. 39,578.

55a—Bay Shore R. R. Co.—Office, 344 "C" St. (Connects Ocean Beach, Mission Beach and Pacific Beach, all within city of San Diego.)
Pres. John F. Forward, Jr.....San Diego
V. Pres. & Gen. Mgr.
Geo. L. Barney..... "
Sec. & Treas. J. H. McKie..... "
*Audr. F. E. Garside,
220 Union Bldg., "
Energy purchased; trolley volt. 550-600 v.
2.877 miles; 4-8½ g; 2 motor pass. cars. §127

56—Los Angeles & San Diego Beach Ry. Co.—Office, 408-10 Owl Drug Bldg. (Controls Mexico & San Diego Ry. Connects San Diego, Pacific Beach, La Jolla, Bird Rock and Ocean Front.)
Pres. E. S. Babcock.....San Diego
*V. Pres., Sec., Audr. &
Pur. Agt. W. R. Lyon..... "
Treas. L. M. Drown..... "
Supt. E. J. Thompson..... "
M. M., J. A. Dodderidge.....La Jolla
Power sta. equip. 2 d. c. Westg, T-H. tot. 140 kw: 1 a. c. G. E. (driving mot.) 120 kw. 3 ph. 60 cys; trolley volt. 600 v.
Power sta., San Diego; repair shops, La Jolla.
21.54 miles (elec., steam, gasoline); 4-8½ g; 2 motor cars, 1 gas motor car and 60 other cars; 3 steam locos. ★127

57—Point Loma R. R. Co.—Office, Union Bldg., San Diego. (Connects San Diego and Ocean Beach.)
Pres. J. D. Spreckels.....San Diego
V. Pres. & Mng. Dir. Wm. Clayton "
Sec. & Treas. Claus Spreckels. "
*Gen. Audr. A. H. Kayser..... "
Mgr. Transp. M. J. Perrin..... "
Pur. Agt. Geo. Holmes..... "
Energy purchased and cars rented from San Diego Elec. Ry. Co.
10.16 miles; 4-8½ g. ★127

58—San Diego Elec. Ry. Co.—Office, Union Bldg. (Purchased Coronado R. R. (Elec. Div.) and So. Park & E. Side Ry. Operates in San Diego and Coronado and connects with Point Loma R. R.)
Pres. John D. Spreckels.....San Diego
V. Pres. & Mng. Dir.
Wm. Clayton..... "
Sec. & Treas. Claus Spreckels.. "
Att'y. Read G. Dilworth..... "
*Gen. Audr. A. H. Kayser .... "
Mgr. Transp. M. J. Perrin..... "
Supt. Mot. Pwr. H. MacNutt.. "
Claim Agt. W. H. Moore..... "
Pur. Agt. Geo. Holmes..... "
Ch. Engr. Pwr. Sta. Geo. K. Hellerman, San Diego
Park Supt. John Davidson..... "
Power sta. equip. 7 d. c. West. tot. 7200 kw; 3 a. c. West. tot. 6000 kw. 2300 v. 3 ph. 60 cys; 1700 hp. e. Allis-C: 3650 hp. b. Bab. & W., Keeler, Cahall; 8000 kw. turb. (stm.)-West; trolley volt. 600 v.
Power sta. Artic & E Sts.; repair shops, cor. 15th & L Sts.
Owns Mission Cliff Gardens.
84.65 miles; 4-8½ g; 164 motor pass cars and 5 other motor cars; 4 trail pass. and 7 other cars. Operates cars over 10 miles of San Diego and South Eastern Ry. Co's. line. Sells energy. ★127

59—San Diego & South Eastern Ry. Co.—Office, Spreckels Bldg. (Eastern Div., operated by steam, connects San Diego, La Mesa, El Cajon, Lakeside and Foster; Southern Div., operated by electricity, connects San Diego, National City and Chula Vista.) (In 1917, purchased by San Diego & Arizona Ry.)
Pres. John D. Spreckels.....San Diego
V. Pres. Wm. Clayton..... "
Sec. & Treas. Claus Spreckels. "
*Gen. Mgr. D. W. Pontius.... "
Mgr. E. J. Burns..... "
Supt. W. A. Nickerson..... "
Cl. Agt. W. H. Moore..... "
Pur. Agt. Geo. Holmes..... "
Ch. Engr. A. Ervast..... "
Energy purchased from San Diego Elec. Ry. Co.
Repair shops at 10th & N Sts.
75.11 miles (stm. & elec.); 4-8½ g; 11 motor cars; 2 stm. pass. cars and 250 freight cars. Electric cars are operated over 10 miles of the road by San Diego Elec. Ry. Co. ★18

SAN FRANCISCO. 416,912.
(See also Nos. 36, 40, 43, 49, 51, 52, 53, 55, 75, 76 and 568.)

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61—California St. Cable R. R. Co.—Office, Hyde & California Sts.

Pres. J. Henry Meyer.....San Francisco
V. Pres. J. C. Coleman.... "
*2d V. Pres., Gen. Mgr. & Pur. Agt. Jas. W. Harris. "
Sec. & Claim Agt. Geo. A. Hare..... "
Treas. J. Henry Meyer & Co. "
Audr. Allen Knight..... "
Elec. Engr. John R. Steel.. "
Ch. Engr. Pwr. Sta. C. Trubert..... "
Roadmaster, Alfred Bowes. "

Power sta. equip. 500 hp. e. Union 1. Works: 500 hp. b. Bab. & W; 2-300 hp. G. E. d. c. motors.

Power sta. and repair shops at California & Hyde Sts.

11.5 miles (cable); 3-6 g; 50 cars. 77

62—Central California Trac. Co.—Office, 637 Holbrook Bldg. (Connects Stockton, Lodi and Sacramento; leases lines in Stockton to the Stockton Elec. R. R.) (In 1916, entered into agreement with Tidewater Southern Ry. Co. for joint operation of the two lines.)

Pres. H. Fleishhacker.....San Francisco
1st V. Pres. M. Fleishhacker "
2d V. Pres. Geo. W. Peltier Calif. Natl. Bank, Sacramento
Sec. & Treas. A. N. Baldwin.....San Francisco
Audr. M. E. Taylor 101 E. Weber Ave., Stockton
Gen. Mgr. Frank W. Webster " "
*Supt. J. J. Hooper " "
Cl. Agt. E. L. Stern " "
Gen. Fgt. & Pass. Agt. A. E. Rhoades.....Sacramento
Pur. Agt. F. W. Taylor Pacific Elec. Bldg., Los Angeles
Ch. Engr. A. L. Strout 101 E. Weber Ave, Stockton
Elec. Engr. C. E. Spencer " "
M. M., Walter Harris " "
Roadmaster, A. Palm " "

Energy purchased from Western States Gas & Elec. Co.; trans. volt. 60,000 v; trolley volt. 1200—600 v. d. c; repair shops, Stockton.

70.8 miles (1200 v. & 600 v. d. c.—overhead trolley and third rail); 4-8½ g; 21 motor and 33 other cars; 1 loco. 18

63—Fairfax Incline Railroad Co.—Office, 110 Market St. (Connects Fairfax with Mt. Top on Fairfax Manor.)

*Pres. E. J. Holt.....San Francisco
V. Pres. Geo. D. Gray..... "
Sec. Geo. C. Lake..... "
Treas. Gray & Holt Co..... "
Gen. Mgr. Prentiss N. Gray.....Fairfax
Pur. Agt. Fairfax Development Co. San Francisco
Ch. Engr. & M. M. Ernest Claxton.....Fairfax

1500 feet; double cable, electric hoist. 77

64—Municipal Ry. of San Francisco—Office, 2600 Geary St.

*Supt. Fred Boeken..... San Francisco
Asst. Supt. Denis Collins.. "
Claim Agt. Jno. B. Leighton "
M. M., Wm. C. Bendel..... "

Energy purchased from Pacific Gas & Elec. Co.; trolley volt. 575-600 v.

Repair shop at 2600 Geary St.

Reaches nearly all city parks.

48.58 miles; 4-8½ g; 197 pass. motor cars and 1 other motor car. ★18

65—Northwestern Pacific R. R. Co.—Office, 64 Pine St. (Connects San Francisco (Ferry), Sausalito, Corte Madera, Larkspur, Kentfield, Ross, San Anselmo, San Rafael and Fairfax.)

*Pres. & Gen. Mgr. W. S. Palmer 64 Pine St.
V. Prests. { A. H. Payson... " / W. R. Scott ....65 Market St.
Sec. G. L. King..... "
Treas. & Pur. Agt. H. W. Ellicott.....64 Pine St.
Audr. W. F. Sperbeck..... "
Supts. { W. J. Hunter.....Eureka / J. K. Brassill.....Sausalito
Claim Atty. Elliott Johnson...64 Pine St.
Gen. Fgt. & Pass. Agt. J. J. Geary..... "
Ch. Engr. F. K. Zook..... "
Elec. Engr. F. T. Vanatta.....Sausalito
Supt. Mtv. Pwr. & Marine Equip. J. K. Brassill.....Tiburon

Power sta. equip. 9 d. c. Stan, West, G. E, Allis-C. tot. 4700 kw; 2250 hp. e. McI. & S; 2100 hp. b. Bab. & W, Keeler; 1000 kw. turb. (stm.) West; trans. volt. 45,000 v; trolley volt. 600 v.

Power sta. at Alto; portion of power purchased from Pacific Gas & Elec. Co.; repair shops at Sausalito.

Reaches park at Fairfax.

35.60 miles (3rd rail); 4-8½ g; 40 motor and 22 other cars. ★127

66—Ocean Shore R. R. Co.—Office, 52 Eleventh St. (This is a steam road connecting San Francisco, Salada, Tobin, Farallone, Moss Beach, Granada, Princeton, Half Moon Bay and Tunitas (38 miles); also Santa Cruz and Swanton (16½ miles). Terminals of 4 miles in San Francisco operated by electricity.)

Pres. F. W. Bradley 52 11th St., San Francisco
V. Pres. & Gen. Mgr. John G. Sutton..... "
*Sec., Treas., Audr. & Pur. Agt. J. W. Crosby..... "
Claim, Fgt. & Pass. Agt. I. N. Randall..... "
Supt. H. Horn..... "
M. M., W. Hesse..... "

Purchases energy from Pacific Gas & Elec. Co.

Repair shops at San Francisco.

Reaches Princeton-by-the-Sea.

54.5 miles in operation, 26.4 miles under construction, 4 miles of terminals operated by electricity; 4-8½ g; 3 motor cars; 27 pass. and 105 freight cars and 10 locos. 127

67—Southern Pacific Co. (Elec. Divs.)—Offices, James Flood Bldg., San Francisco, and 165 Broadway, New York, N. Y. (Includes Oakland, Alameda & Berkeley lines; controls Pacific Elec. Ry. Co., Fresno Trac. Co., Peninsular Ry. Co., Stockton Elec. R. R. Co., Visalia Elec. R. R. Co., and San Jose Railroads. Absorbed Portland, Eugene & Eastern Ry. Co.)

Chmn. J. Kruttschnitt...New York, N. Y.
Pres. Wm. Sproule.....San Francisco
V. Pres. & Gen. Mgr. W. R. Scott..... "
*Asst. to Pres. C. J. Millis. "
Sec. Hugh Neill.....New York, N. Y.
Asst. Sec. W. F. Bull.... " "
Asst. Treas. W. F. Ingram, San Francisco
Audr. T. O. Edwards..... "
Dir. of Pur. F. W. Mahl. New York, N. Y.
Supt. (Oakland, Alameda & Berkeley Elec. Lines) J. C. McPherson..... .....Oakland
Pur Agt. F. W. Taylor....San Francisco
Elec. Engr. A. H. Babcock

Power sta. equip.: 2 a. c. West. E. M. Co. tot. 15,000 kw. 13,200 v. 3 ph. 25 cyc; 7740 hp. b. Parker; 15,000 kw. stm. turb. West; trans. volt. 13,200 v; trolley volt. 1200 v.

120 miles; 4-8½ g; 85 motor cars, 60 trailers, 2 baggage & express motor cars. (See also Portland (Ore.) Div.) ★127

68—United Railroads of San Francisco.—Office, 58 Sutter St. (Owns and operates a suburban line to San Mateo and leases the San Francisco Electric Railways (which owns the Parkside Transit Co. and the Visitacion Valley line) and the Gough St. R. R.; the South San Francisco R. R. & Pwr. Co. is part of this system.) (Controlled by the California Ry. & Pwr. Co., a subsidiary of the United Railways Investment Co.) (Negotiations pending for purchase of property by City of San Francisco.)

Pres. Jesse W. Lilienthal...San Francisco
*V. Pres. & Gen. Mgr. Wm. Von Phul..... "
Sec. & Compt. Geo. B. Willcutt "
Treas. A. M. Dahler..... "
Asst. Gen. Mgr. M. McCants "
Gen. Supt. Henry T. Jones.. "
Gen. Atty. W. M. Abbott.. "
Pur. Agt. P. C. Paddock... "
Claim Agt. J. H. Handlon.. "
Engr. Maint. of Way & Constr. B. P. Legare.... "
Engr. Steam Equip. J. H. Stott Turk & Fillmore Sts.
Engr. Elec. Equip. W. T. Bivins Turk & Fillmore Sts.
M. M., J. M. Yount San Jose & Geneva Aves.

Energy purchased from Sierra & San Francisco Pwr. Co.; 3 d. c. G. E. tot. 650 kw; 1 a. c. G. E. motor 600 hp. 440 v. 3 ph. 60 cys; 500 hp. e. Risd; 920 hp. b. U. I. W; trans. volt. 11,000 v; trolley volt. 550 v.

Repair shops at San Jose & Geneva Aves.

272.77 miles (electric and cable): 3-6 g. (cable) & 4-8½ g; 828 cars, of which 761 are electric motor and special cars and 67 cable cars. ★18

69—California Ry. & Pwr. Co.—Office, 25 Broad St., New York, N. Y. (This is a holding company only and controls the United Railroads of San Francisco, the Sierra & San Francisco Pwr. Co., the Coast Valleys Gas & Elec. Co. and the San Francisco Elec. Rys: and is itself controlled by the United Railways Investment Co. through ownership, either directly or through subsidiaries, of the outstanding preferred and common stocks.)

Pres. Mason B. Starring 25 Broad St., New York, N.Y.
V. Prests. { S. H. March, 25 Broad St., " "
Geo. de B. Greene, 43 Exchange Place, " "
Treas. B. S. Guinness, 25 Broad St., " "
Sec. P. M. Hoskins 25 Broad St., " "

127

SAN JOSE. 28,946.

71—Peninsular Ry. Co.—Gen. office, Pacific Elec. Bldg., Los Angeles. (Connects San Jose, Saratoga, Los Gatos, Campbell, Cupertino, Monta Vista, Mayfield, Palo Alto, Los Altos and Berryessa.) (Controlled by the Southern Pacific Co.)

Pres. Paul Shoup.....Los Angeles
Sec. & Audr. H. A. Culloden "
Treas. M. S. Wade..... "
Gen. Mgr. & Park Mgr. F. E. Chapin.....San Jose
Supt. C. F. Edmonds..... "
Gen. Fgt. & Pass. Agt. E. G. Shoup..... "
Pur. Agt. I. L. Ward.....Los Angeles
Ch. Engr. & Engr. M. of W. Henry H. Lynch.....San Jose
Elec. Engr. & Engr. Ovhd. Constr. W. H. Davison..... "
M. M., H. J. Rego..... "

Energy purchased from Pacific Gas & Elec. Co.; trans. volt. 11,000 v. 3 ph; trolley volt. 600 v. d. c.; 7 rotary conv. G. E. West. tot. 1950 kw; repair shops, Sunol & San Carlos Sts.

Reaches Congress Mineral Springs (owned) and Alum Rock Park (owned by city).

10½ miles; 4-8½ g; 40 motor cars (32 owned and 8 leased) and 2 trailers. (Co. does ltg. in San Jose and vicinity.) ★18

72—San Jose Railroads—Gen. office, Pacific Elec. Bldg., Los Angeles. (Connects San Jose & Santa Clara.) (Controlled by Southern Pacific Co.)

Pres. W. F. Herrin.....San Francisco
V. Pres. Paul Shoup.....Los Angeles
Sec. & Audr. H. A. Culloden.. "
Treas. M. S. Wade..... "
Gen. Mgr. F. E. Chapin.....San Jose
Supt. C. F. Edmonds..... "
Gen. Fgt. & Pass. Agt. E. G. Shoup..... "
Pur. Agt. I. L. Ward.....Los Angeles
Ch. Engr. & Engr. M. of W. Henry H. Lynch.....San Jose
Elec. Engr. & Engr. Ovhd. Constr. W. H. Davison..... "
M. M., H. J. Rego..... "

Energy purchased from Pacific Gas & Elec. Co.; trolley volt. 500 v; repair shop at 1070 Alameda Ave.

Owns and reaches Luna Park.

42.69 miles; 4-8½ and 3 g. (7.20 miles); 52 motor cars and 15 other cars. (Co. does ltg. in San Jose and vicinity.) ★18

SAN LEANDRO. 3,471.

(See No. 52.)

SAN LUIS OBISPO. 5,157.

73—Pacific Coast Ry. Co. (Elec. Div.)—Offices, 77 Washington St., Seattle, Wash. and San Luis Obispo. (Connects Santa Maria, Guadalupe and Betteravia.)

Pres. E. C. Ward.....Seattle, Wash.
V. Prests. { E. W. Clark.....Los Angeles
W. M. Barnum, New York, N.Y.
Sec. & Treas. J. W. Smith..Seattle, Wash.
Audr. & Cl. Agt. H. M. Watkins..... " "
*Supt. & Gen. Fgt. & Pass. Agt. J. M. Sims.....San Luis Obispo
Pur. Agt. W. E. Nichols...Seattle, Wash.
Ch. Engr. N. D. Moore.... "
M. M., D. W. Ford.....San Luis Obispo
Roadmaster, P. Dineen. " "

Energy purchased from Midland Counties Public Service Corpn., Santa Maria; 1 mo.-gen. set Allis-C. 225 hp. 2200 v. 3 ph; trolley volt. 550 v.

Repair shops San Luis Obispo.

13 miles; 3 ft. g; use cars of steam line; 3 elec. locos. 77

SAN PEDRO.

(See No. 48.)

SAN RAFAEL. 5,934.

(See No. 57.)

SANTA BARBARA. 20,000.

74—Santa Barbara & Suburban Ry. Co. (Successor to The Santa Barbara Consolidated R. R. Co.)—Exec. office, 120 E. 4th St., Los Angeles; local office, Santa Barbara.

Pres. W. A. Brackenridge...So. Pasadena
V. Pres. C. A. Edwards....Santa Barbara
Sec. S. M. Kennedy.....Alhambra
Treas. W. L. Percey.....Los Angeles
Pur. Agt. John Otte..... "
*Supt. W. E. Erwin.....Santa Barbara
M. M., Joseph N. Lloyd... " "

Energy purchased from Santa Barbara Gas & Elec. Co; trans. volt. 4000 and 2300 v; trolley volts 500 v; repair shop at Castillo St.

Owns Ball Park.

7.55 miles; 4-8½ g; 14 cars. ★127

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SANTA CRUZ. 11,146.
(See also No. 66.)

75—Union Traction Co. — Office, 454 California St., San Francisco. (Successor to Santa Cruz Elec. Ry. Co. and Santa Cruz, Capitola & Watsonville Ry. Co.) (Connects Santa Cruz, Seabright, Del Mar, Opal and Capitola.) (Owned by the Coast Counties Gas & Elec. Co.)
*Pres. & Gen. Mgr. S. W. Coleman San Francisco
V. Pres. R. M. Hotaling... " "
Sec. & Treas. L. W. Pryor " "
Elec. Engr. R. L. Cardiff.....Santa Cruz
Supt. G. L. Fitzgerald..... "
Energy purchased from Coast Counties Gas & Elec. Co.; trolley volt. 600 v.
Repair shops, Santa Cruz.
Reaches an amusement park.
15 miles; 4-8¼ g; 21 cars. ★127

SANTA ROSA. 7,817.
(See No. 53.)

SELMA. 1,750.
(See No. 41.)

SOUTH SAN FRANCISCO. 1,989.

76—So. San Francisco R.R. & Pwr. Co.—Office, So. San Francisco. (Connects with United Railroads of San Francisco and operates from Leipsic Crossing to South San Francisco water front. Part of United Railroads System.)
Pres. Wm. J. Martin...So. San Francisco
V. Pres. Wm. M. Abbott.....San Mateo
Sec. J. R. Sloan..... San Francisco
Treas. A. M. Dahler
58 Sutter St., " "
Energy from United Railroads of San Francisco.
3.48 miles; 4-8¼ g; 5 cars. ★18

STOCKTON. 23,253.
(See also No. 62.)

77—Stockton Elec. R. R. Co.—Gen. office, Pacific Electric Bldg., Los Angeles. (Operates in Stockton; also, under 38-yr. lease, from Jan. 1, 1915, lines of the Central California Trac. Co. in Stockton.) (Controlled by Southern Pacific Co.)
Pres. Paul Shoup.....Los Angeles
Sec. & Audr. H. A. Culloden.. "
Treas. M. S. Wade..... "
Gen. Mgr. Frank W. Webster...Stockton
Supt. J. J. Hooper..... "
Pur. Agt. I. L. Ward.. ..Los Angeles
Claim Agt. A. L. Levinsky.....Stockton
M. M. Walter Harris..... "
Energy purchased from Western States Gas & Elec. Co.; trolley volt. 600 v.
Repair shop at Stockton.
Reaches Oak Park (owned) and Mineral Baths.
23.51 miles: 4-8¼ g; 27 motor pass. cars and 2 other motor cars. ★18

78—Tide Water Southern Ry. Co.—Office, 101 E. Weber Ave., Stockton. (Will connect Stockton, French Camp, Atlanta, Escalon, Modesto, Hatch, Ceres, Irwin City, Stevenson, Merced, Madua, Fresno and Turlock.) (In 1916, entered into agreement with Central Calif. Trac. Co. for joint operation of the two lines.)
Pres. Byron A. Bearce.....Stockton
V. Pres. J. A. Coley.....Escalon
Sec. & Treas. Karl C. Brueck....Stockton
Audr. Wm. C. Peck..... "
Supt. J. C. Linabery..... "
*Ch. Engr. J. C. Lindsay..... "
Energy purchased from Sierra & San Francisco Pwr. Co.
Sub-sta. equip. 2 d. c. Westg. tot. 666 kw; trolley volt. 1200 v. d. c.; repair shop, Stockton.
227 miles proposed; 50 miles in operation from Stockton to Atlanta, Escalon, Modesto and Turlock; 4-8¼ g; 3 motor cars, 1 freight motor, 10 boxes and 20 flats. 27

VALLEJO. 11,340.
(See No. 50.)

VISALIA. 4,550.
(See No. 39.)

COLORADO.

BOULDER. 9,539.

79—The Western Lt. & Pwr. Co.—Office, Boulder.
Pres. Guy E. Tripp
37 Wall St., New York, N. Y.
*V. Pres., Gen. Mgr. & Pur. Agt.
H. U. Wallace.....Boulder
Sec. & Treas. John Seager,
37 Wall St., New York, N. Y.
Ch. Accnt. E. E. Sherman.....Boulder
Local Mgr. A. W. Bernard..... "
Ch. Engr. Pwr. Sta. A. Jardine.. "
Power sta. equip. 4 a. c. turbo-gen. Westg. tot. 6000 kw. 3 ph. 60 cys; 4411 hp. b. Franklin; 6000 hp. turb. Westg; trans. volt. 13,000 v; trolley volt. 550 v.
Power sta. at Lafayette; repair shop at 12th and Arapahoe Sts.
Reaches Chautauqua Park (owned by city).
10.7 miles: 3-6 g; 9 motor and 5 other cars. (Co. does ltg. & pwr. business.) ★18

COLORADO SPRINGS. 29,078.

80—The Mt. Manitou Park & Incline Ry. Co.—Office, 208 Mining Exch. Bldg. (Connects Manitou to Mt. Manitou Park at summit of Mt. Manitou.)
Pres. Spencer Penrose...Colorado Springs
*Sec. E. S. Hartwell.... "
Treas. H. T. Baldwin.... "
Gen. Mgr. J. J. Cogan.. "
Traffic Mgr. F. C. Matthews "
Energy purchased from Colorado Springs Lt., Ht. & Pwr. Co.; trans. volt. 6600 v.
1 G. E. motor 75 hp. 220 v. 3 ph. 60 cys. belted and geared to cable sheaves.
Reaches and owns park on summit of Mt. Manitou.
1.25 mile cable; 2-6 g; 2 cars. 127

81—Colorado Springs & Interurban Ry. Co.—Office, 520 S. Tejon St. (Consolidation of Colorado Springs Rapid Transit Co. and Colorado Springs & Suburban Ry. Co.) (Connects Colorado Springs, Colorado City, Manitou, Roswell and Ivywild.)
Pres. D. H. Rice, 117 E. Pikes Peak Ave., Colorado Springs
V. Pres. W. Lennox, 117 E. Pikes Peak Ave., Colorado Springs
Sec. Wm. Lloyd..... Colorado Springs
Treas. C. S. Chamberlin..... "
*Gen. Supt. B. M. Lathrop..... "
Claim Agt. J. O. Henry..... "
Ch. Engr. Pwr. Sta. C. E. Bibb
W. Rio Grande St., "
Roadmaster C. E. Elliott
1312 Colorado Ave., "
Power sta. equip. 4 d. c. G. E. Bull. tot. 1825 kw; 2000 hp. b. Bab. & W; trans. & trolley volt. 570-560 v.
Power stations at Rio Grande and Sierra Madre Sts: repair shop at 520 S. Tejon St.
Owns Stratton Park and reaches Prospect Lake.
39 miles: 4-8¼ g; 62 motor pass. cars and 9 other motor cars; 1 elec. loco; 9 other cars. ★127

82—Cripple Creek & Colo. Springs R. R. (Elec. Div.)—Office, 208 Mining Exchange Bldg. (Connects Cripple

Creek, Victor, Goldfield, Elkton, Independence, Anaconda and Colorado Springs.)
Pres. Spencer Penrose
301 Mining Exchange Bldg.
*Sec. & Audr. E. S. Hartwell
13 Independence Bldg.
Treas. A. S. Gill
208 Mining Exchange Bldg.
Gen. Mgr. J. J. Cogan
208 Mining Exchange Bldg.
Claim Agt. H. C. Pinnock
13 Independence Bldg.
Gen. Fgt. & Pass. Agt.
F. C. Matthews, 407 Mining Exch. Bldg.
Pur. Agt. John F. Esch....West End Sta.
Ch. Engr. M. J. Burgdorf
208 Mining Exchange Bldg.
Ch. Mech. Engr. P. E. Brooks
208 Mining Exch. Bldg.
Ch. Engr. Pwr. Sta. W. H. Meldrim
Cripple Creek
M. M., C. A. McCarthy....West End Sta.
Roadmaster, D. Corbett.... " "

Power sta. equip. 1 d. c. G. E. 225 kw; 3 rot. conv. West, G. E. tot. 840 kw. 3 ph. 30 cys; 350 hp. e. E. P. Allis; 345 hp. b. Kewanee; trans. volt. 22,000-6,600 v; trolley volt. 500 v. d.c. Energy also purchased from Arkansas Valley Ry., Lt. & Pwr. Co.

Power sta. at Cameron, Cripple Creek Dist.; repair shops at Cripple Creek and Colorado Springs.

18.5 miles; 4-6½ g; 7 motor pass. cars; 3 trail pass. cars and 1 other car. ★127

CRIPPLE CREEK. 6,206.

(See No. 82,)

DENVER. 213,381.

83—The Denver & Intermountain R. R. Co.—Office, 805 Tramway Bldg. (Operates through ownership and by lease, freight trackage by steam and elecricity from Denver to Golden and Leyden; also operates by electricity from Denver to Barnum (3 miles).
Chmn. Board Dir. C. K. Boettcher
Gas & Elec. Bldg., Denver
*Pres. & Gen. Mgr. F. W. Hild.... "
V. Pres. S. M. Perry
Gas & Elec. Bldg., "
Sec. & Treas. H. S. Robertson
Audr. Wm. A. Doty
600 Tramway Bldg., "
Supt. Transp. J. L. Adams..... "
Claim Agt. S. G. Shaw..... "
Pur. Agt. W. S. Brackett
700 Tramway Bldg., "
Traffic Mgr., W. G. Smith..... "
Ch. Engr. Edward A. West
700 Tramway Bldg., "
Supt. Rolling Stk. W. H. McAloney
B'way Shops "
Engr. M. of W., A. M. Evans
700 Tramway Bldg, "
Engr. Ovhd. Constr. O. P. Morse
700 Tramway Bldg., "

Energy purchased from The Denver Tramway Co; trolley volt. 550 v.

Repair shops, B'way & Alaska Sts, Denver.

55.42 miles; 4 8½g & 3-6g; 8 motor pass. cars; 2 trail pass. cars and 8 other motor cars; 150 other cars; 5 elec. locos and 2 stm. locos.

★18

84—The Denver & Interurban R. R. Co.—Office, Railway Exch. Bldg. (Connects Denver & Boulder, 41.40 miles, and branch to Eldorado Springs, 3.08 miles; also 7.50 mile line in Ft. Collins.)
Pres. B. B. Greer.....Denver
V. Pres. T. S. McMurray..... "
Sec. & Treas. B. F. James..... "
*Gen. Audr. J. H. Bradbury..... "
Supt. H. E. Renick, Union Depot. "
Claim Agt. R. H. Doolittle..... "
Traffic Mgr. H. A. Johnson..... "
Ch. Engr. E. F. Vincent..... "
Gen. Solicitor, E. E. Whitted..... "
Supt. Mot. Pwr. Denver
H. W. Ridgway..... "
Elec. Engr. & Trainmaster
W. H. Edmunds..... "
Roadmaster, Jas. Cahill..... "

Energy from Western Lt. & Pwr. Co.; trolley volt. 11,000 v. a. c. s. ph. catenary & 575 v. d. c; repair shops, Denver and Fort Collins.

Reaches Eldorado Springs.

51.93 miles; 4-8½ g; 14 motor and 6 trail cars. ★127

85—The Denver & South Platte Ry. Co.—Office, 812 Majestic Bldg. (Connects Denver and Littleton.)
Pres. H. W. Hartman
701 Majestic Bldg., Denver
*Sec., Treas. & Gen. Mgr.,
R. C. Larkin..... "

Energy purchased from The Denver Tramway Co.

Repair shop, Littleton.

Reaches two parks (leased).

5 miles in operation; 15 miles under construction; 3-6 g; 3 motor cars. 127

86—The Denver Tramway Co.—Office, Tramway Bldg., 14th & Arapahoe Sts. (Acquired the properties of the Denver & Northwestern Ry. Co.) (Operates in Denver and connects Golden, Arvada, Leyden, Englewood and Aurora.)
Chmn. Bd. Claude K. Boettcher
Gas & Elec. Bldg.
V. Pres. S. M. Perry, " "
Sec. H. S. Robertson.....Tramway Bldg.
Treas. H. J. Alexander, 1st Nat. Bk. Bldg.
Audr. Wm. A. Doty.....Tramway Bldg.
*Gen. Mgr. F. W. Hild "
Supt. Transpt. J. L. Adams "
Claim Agt. S. G. Shaw "
Pur. Agt. W. S. Brackett "
Traffic Mgr. W. G. Smith "
Ch. Engr. Edward A. West "
Mech. Engr. Eugene Weber "
Elec. Engr. & Ch. Engr. Pwr. Stas., W. E. Casey..... "
Signal Engr. & Engr. Ovhd. Constr. O. P. Morse..... "
Supt. Rolling Stk. W. H. McAloney
Broadway Shops
Engr. M. of W..
Alfred M. Evans.....Tramway Bldg.

Power sta. equip. 3 d. c. G. E. tot. 3200 kw; 4 a. c. G. E. Westg. tot. 13,000 kw. 6600 & 2300 v. 3 ph. 25 cys; 21,700 hp. e. G.E., Whlk, Allis-C., West; 9625 hp. b. Stirling; 11,500 kw. turb. (stm.) West. G. E.; trans. volt. 13,200 v; trolley volt. 600 v; also purchases energy from Colo. Pwr. Co.

Power sta. 14th and Platte Sts.; repair shops, Broadway and Dakota Sts.; also purchases energy from Colorado Pwr. Co.

Reaches City Park and Lakeside, Mountain, Berkeley, Washington and Cheesman Parks.

228.90 miles; 3-6 g. and 4-8½ g; 244 motor pass. cars, 118 trail pass. cars and 40 other motor cars; 25 other cars,

★18

DURANGO. 4,686.

87—Durango Ry. & Realty Co.—(Connects Durango and Animas City.)
Pres. & Gen. Mgr. J. A. Porter
University Club, Denver
V. Pres. J. E. Lundstrom, Colorado Springs
*Sec., Treas., Supt. & Pur. Agt.
W. N. Bagby.....Durango
M. M. J. P. McKinney..... "

Energy purchased from The Western Colorado Pwr. Co.; trans. volt. 550 v.

Repair shop, Durango.

Owns Brookside and Animas City Parks and Fair Grounds.

2.5 miles; 4-8½ g; 6 motor pass. cars.

★127

GRAND JUNCTION. 10,000 (1911).

88—The Grand River Valley Ry. Co.—(Successor to The Grand Junction & Grand River Valley Ry. Co.) Office, 3d & Main Sts., Grand Junction. (Connects Grand Junction and Fruita.)
Pres. A. E. Carlton.....Colorado Springs
V. Pres. Spencer Penrose "
Sec. & Treas.
Chas. L. Tutt..... "
*Gen. Mgr. J. Stewart...Grand Junction
Ch. Engr. F. C. Merriell.. "
Ch. Engr. Pwr. Sta.
A. C. Foster..... "
M. M., H. P. Smith..... "
Roadmaster, N. P. Hansen "
Power sta. equip. at 5th & South Sts., Grand Junction. 1 d. c. Westg. 150 kw; 3 a. c. G. E. tot. 150 kw. 2300 v. 3 ph. 60 cys; 700 hp. e. Cor. Ideal; 1360 hp. b. Heine; 500 kw. turb. (stm.) G. E; trans. volt. 11,000 v; trolley volt. 600 v.
Repair shops, Grand Junction.
21 miles; 4-8½ g; 8 motor and 6 other cars. (Company does lighting in Grand Junction and Fruita.) 127

GREELEY. 8,179.

89 — The Greeley & Denver R. R. Co. — Office, Greeley. (Operates in Greeley.)
Pres. P. W. Allen.....Greeley
V. Pres. J. H. Woolf..... "
*Supt. & Elec. Engr.
C. L. Hartman..... "
Purchases energy from The Western Lt. & Pwr. Co.
Repair shops in Greeley.
6 miles; 4-8½ g; 6 cars. 127

PUEBLO. 63,000 (1917).

90 — Arkansas Valley Ry., Lt. & Pwr. Co.—Office, Electric Bldg. (Controlled through stock ownership by Standard Gas & Elec. Co., and operated by H. M. Byllesby & Co., Chicago, Ill.)
Pres. George H. Harries.....Chicago, Ill.
V. Pres. & Gen. Mgr. W. F. Raber...Pueblo
Sec. Herbert List.....Chicago, Ill.
Asst. Sec. & Audr.
E. J. Rosenauer.....Pueblo
Treas. R. J. Graf.....Chicago, Ill.
Asst. Treas. Walter J. Benning....Pueblo
Supt. Ry. Dept. W. C. Porter..... "
Supt. Ltg. Dept. E. F. Stone..... "
Claim Agt. H. P. Vories..... "
Pur. Agt. S. G. Cunningham..... "
Engr. Pwr. Sta. C. A. Orr..... "
Power sta. equip. 1 d. c. G. E. 800 kw; 2 a. c. G. E. tot. 1610 kw. 2300 v. 3 ph. 60 cys; 3424 hp. e. R. & S; 4635 hp. b. Cahall, Stir., Heine, Bab. & W; 3000 kw. (stm.) turb. Allis-C; 1050 kw. rot. conv. G. E; trans. volt. 24,000-33,000 v; trolley volt. 550 v.
Power sta. at Pueblo, repair shops at Pueblo.
Reaches Minnequa Park.
35.8 miles: 4 g; 40 motor and 10 trail cars. (Additional power stas. at Canon City, Skaguay, Rocky Ford and La Junta for lighting and power service.) 18

TRINIDAD. 10,904.

91 — Trinidad Elec. Transmission Ry. & Gas Co.—New York Office, 60 Broadway. (Controls city system and interurban road between Trinidad, Sopris, Starkville, Jansen, Jerryville, Thomasville, Piedmont, McBridesville, Cokedale, Viola and Sopris Plaza.) (Controlled by the Federal Lt. & Trac. Co., New York, N. Y.)
Pres. E. N. Sanderson....New York, N.Y.
V. Pres. & Treas.
J. Dunhill..... " "
Sec. A. R. Marshall..... " "
Asst. Sec. & Asst. Treas.
H. J. Wightman.....Trinidad
Gen. Mgr. E. C. Deal..... "
Gen. Supt. & Ch. Engr.
C. H. Nichols, 60 Broadway, New York, N. Y.
Trinidad pwr. sta. equip. 4 a. c. turbo-gen. West, G. E. tot. 10,625 kva. 2300 v. 3 ph. 60 cys; 4396 hp. b. Parker, Franklin, Bab. & W; trans. 44,000-22,000-6600 & 2300 v; trolley volt. 550 v.
Walsen sta. equip. 2 a. c. turbo-gen. West. tot. 3750 kva. 2300 v. 3 ph. 60 cys; 1600 hp. b. Wickes, Vil.
Hastings sta. equip. 1 a. c. turbo-gen. Allis-C. 1875 kva. 2300 v. 3 ph. 60 cys; 1000 hp. b. Wickes, Vil.
Power stas. Trinidad, Walsen and Hastings; repair shops at Trinidad.
Reaches Central Park.
19.35 miles; 4-8½ g: 8 passenger and 10 other cars. (Co. does gen. ltg. & pwr. business) ★127

CONNECTICUT.

ANSONIA. 15,152.
(See Nos. 93 and 104.)

BERLIN. 3,728.
(See No. 102.)

BRANFORD. 6,047.
(See also No. 104.)

92—The Connecticut Co. (Branford Line.) — (Connects with New Haven and Stony Creek, also Guilford by means of Shore Line Elec. Ry. Co.)
For general officers see New Haven.
Mgr. F. P. Harlan.....New Haven
Energy purchased from the Conn. Lt. & Pwr. Co.; trolley volt. 600 v.
12 miles; 4-8½ g. ★127

BRIDGEPORT. 102,054.

93 — The Connecticut Co. (Bridgeport Div.) (This division operates in and connects Stamford, Derby, Ansonia, New Haven, Norwalk, Westport, Southport, Fairfield, Bridgeport, Stratford, Milford & Shelton.) For general officers, see New Haven.
Mgr. J. S. Goodwin.....Bridgeport
Claim Agt. A. B. Gould..... "
Ch. Engr. Pwr. Sta.
N. L. Chase..... "
M. M., Wm. F. McCoy..... "
Roadmaster, M. E. Stark..... "
Power sta. equip. 5 d. c. G. E. tot. 4800 kw; 1 a. c. turbo-gen. G. E. 5000 kw. 11,000 v. 3 ph. 25 cys: 2 rot. conv. tot. 4000 kw; 6400 hp. e. Penn, Allis-C, Prov; 4500 hp. b. Bab. & W; trolley volt. 600 v.
Power sta. and repair shops at Seaview Ave., Bridgeport.
103.725 miles: 4-8½ g; 256 motor pass. cars and 41 other motor cars; 5 other cars. ★18

93a—Danbury & Bethel St. Ry. Co. (Connects Bridgeport and Long Hill.) See Danbury.
Purchases energy.
5 miles; 4-8½ g; 2 motor pass. cars. ★18

94—The Lordship Railway—Office, 1188 Main St. (Connects Bridgeport and Stratford.)
Pres. F. A. Bartlett.....Bridgeport
V. Pres. Geo. B. Clark..... "
Sec. & Audr. Geo. L. Taylor, Jr "
Treas. Lewis A. Corbett..... "
*Gen. Mgr. Chas. H. Davis.... "
Supt. & Elec. Engr.
M. C. Connell, Stratford and Hollister Ave.. "
Energy purchased from The Conn. Co.

Repair shop at Stratford and Hollister Aves.
Owns and reaches Lordship Park.
4 miles; 4-8½ g; 7 motor cars. ★127

BRISTOL. 13,502.

95—The Bristol & Plainville Tramway Co. — Office, 17 Riverside Ave. (Connects Bristol, Forestville, Plainville, Terryville and Lake Compounce.)
Pres. A. B. Tenney....Lexington, Mass.
V. Pres. D. Edgar Manson..Boston "
Sec. & Treas. M. L. Tiffany.....Bristol
Mgr. G. E. Cockings..... "
Gen. Mgrs. Charles H. Tenney & Co. Boston, Mass.
Energy purchased from The Conn. Pwr. Co.
Repair shops at Bristol.
Reaches Amusement Park at Lake Compounce.
13.74 miles; 4-8½ g; 34 motor cars, 3 snow plows and 1 other car. (Company does a general lighting (gas and elec.), power and steam heating business.) ★127

BURRVILLE. 180.

96—The Connecticut Co. (Torrington Div.)—See New Haven for general officers.
Supt. & M. M. Frank L. Hopkins, Burrville
Power sta. equip. 2 d. c. G. E. tot. 350 kw; 500 hp. e. Slater; 500 hp. b. Stewart, Kendall; trolley volt. 550 v.
Power sta. and repair shop at Burrville.
Reaches Electric Park.
12.676 miles; 4-8½ g; 21 motor pass. cars and 6 other motor cars. ★127

DANBURY. 23,502.

98—Danbury & Bethel St. Ry. Co. —Office, 23 South St. (Connects Danbury and Bethel. Purchased the Bridgeport & Danbury Elec. Ry., operating between Bridgeport and Long Hill.)
Receiver, J. Moss Ives.....Danbury
Pres. & Gen. Mgr. Stephen Crute "
Sec., Treas. & Supt., Geo. H. Klinzing..... "
*Pur. Agt. & M. M. Geo. R. Tweedy "
Elec. Engr. Wm. Rosenbaum... "
Ch. Engr. Pwr. Sta. Eric Swanson..... "
Power sta. equip. 2 a. c. turbo-gen. G. E. tot. 1250 kw. 2200 v. 3 ph. 60 cys; 1100 hp. b. Rust, Bab. & W; trans. volt. 2200 v; trolley volt. 550 v.
Power sta. and repair shop at Danbury.
Owns Kenosia Park.
16 miles: 4-8½ g; 35 motor pass. cars and 2 other cars. ★18

DERBY. 8,991.
(See Nos. 93 and 104.)

EAST LYME. 1,916.
(See No. 108.)

ESSEX. 2,745.
(See No. 108.)

FAIRFIELD. 6,134.
(See No. 93.)

HARTFORD. 98,915.
(See also Nos. 101, 109 and 311.)

99—The Connecticut Co. (Hartford Div.) Office, 127 State St.—(Connects Wethersfield, Hartford, West Hartford, Windsor, Glastonbury, East Hartford, Newington, Rockville, New Britain, Middletown, Unionville, Farmington, South Manchester and Stafford Springs.) For general officers, see New Haven.
Local Mgr. W. P. Bristol.....Hartford
Supt. Fred. Miller..... "
Claim Agt. R. M. Marlowe..... "
Ch. Engr. Pwr. Sta. John Fisher "
M. M., W. E. Crilly..... "
Roadmaster F. P. McKaig..... "
Power sta. equip. 3 d. c. G. E., C.-W. tot. 2800 kw; 3 rot. conv. G. E, Westg. tot. 4000 kw. 6 ph. 25 cys; 3 a. c. turbo-gen. G.E, West. tot. 5000 kw. 11,000 v. 3 ph. 25 cys; 3600 hp. e. Penn. Allis-C; 4800 hp. b. Heine, Edge; trans. volt. 11,000 v; trolley volt. 600 v.
Sub-stas. at Buckland (2-300 kw. 3 ph. 25 cys. G. E. rot conv. 11,000 v.), Unionville (2-200 kw. 3 ph. 25 cys. G. E. rot. conv. 11,000 v.), and Rockville (2-400 kw. 3 ph. 25 cys. G. E. rot. conv. 11,000 v.)
Power sta. at 70 Commerce St.; repair shop at Vernon St.
Reaches Luna Park.
189.666 miles: 4-8½ g; 405 motor pass. cars and 56 other motor cars; 45 other cars. ★127

LEDYARD. 1,079.
(See No. 108.)

MERIDEN. 32,066.

100—The Connecticut Co. (Meriden Div.) (Connects Southington, Plantsville, Milldale, Cheshire, Meriden, So. Meriden, Tracy, Yalesville and Wallingford.) For general officers, see New Haven.
Supt. Robert P. Lee, 127 Pratt St., Meriden
M. M., C. S. Symonds " "
Roadmaster H. F. Purrington. Waterbury
Energy from Berlin; trans. volt. 11,000 v.
Sub-sta. at Hanover Park, Meriden; equip. 3-300 kw. 3 ph. 25 cys. G. E. rot. conv; trolley volt. 600 v.
Repair shop and car barns at 127 Pratt St., Meriden.
Reaches and owns Hanover Park.
38.185 miles: 4-8½ g; 59 motor pass. cars and 18 other motor cars; 1 other car. ★127

MIDDLETOWN. 20,749.

101—The Connecticut Co.—(Middletown Div.)—(Connects Meriden, Middletown, Portland, Rockfall, Cromwell, Middlefield Center, Rocky Hill and Hartford.) For general officers see New Haven.
Supt. F. A. Hewett.....Middletown
Claim Agt. R. M. Marlowe.....Hartford
Ch. Engr. Pwr. Sta. A. E. Goodrich, Berlin
M. M., J. Booth.....Middletown
Power sta. equip. 2 a. c. G. E. tot. 1700 kw. 11,000 v. 3 ph. 25 cys; 3000 hp. e. Bckye; 1500 hp. b. Ken; 2-200 kw. 3 ph. 25 cys. G. E. rot. conv; trans. volt. 11,000 v: trolley volt. 600 v. (This sta. serves Meriden Div.)
Power sta. at Berlin; sub-sta. (2-300 kw. 3 ph. 25 cys. G. E. rot. conv. & 1-300 kw. 3 ph. 25 cys. West. rot. conv.) and repair shops at Middletown.
Reaches and owns Lake View Park.
33.470 miles: 4-8½ g; 42 motor pass. cars and 9 other motor cars; 3 other cars. ★127

MILFORD. 4,366.
(See No. 93.)

MYSTIC. 3,000.
(See No. 108.)

NEW BRITAIN. 43,916.

102—The Connecticut Co. — (New Britain Div.) Office, 86 W. Main St. (Connects Kensington, Berlin, Plainville and New Britain.) See New Haven for general officers
Supt. F. L. Beardsley.....New Britain

Claim Agt. R. M. Marlowe.....Hartford
M. M., Harry Connelly.....New Britain
Roadmaster, M. E. Stark .....Bridgeport
Energy purchased from the Conn. Lt. & Pwr. Co.; trolley volt. 600 v.
Repair shops at Chestnut St., New Britain.
33.472 miles; 4-8½ g; 50 motor pass. cars and 12 other motor cars; 4 other cars. ★127

NEW HAVEN. 133,605.
(See also Nos. 110, 450, 650, 736, 759 and 1133.)

103 — The Connecticut Co. — Gen. office, 129 Church St. (Operates under agreement West Shore Ry. Co.) (Leases New London Division to the Shore Line Elec. Ry. Co.) (Controlled by N. Y. N. H. & H. R. R.)
Pres. L. S. Storrs.....New Haven
V. Pres. & Gen. Mgr.
J. K. Punderford..... "
Sec. & Gen. Traffic Agt.
Victor S. Curtis..... "
Treas. E. T. Chapman..... "
Asst. Treas. A. M. Curtis..... "
*Compt. I. A. May..... "
Counsel. H. G. Day..... "
Attorney, J. F. Berry..... "
Pur. Agt. J. H. Sanford..... "
Ch. Engr. Pwr. & Equip.
P. W. Ripple..... "
Engr. M. of W.
W. R. Dunham, Jr..... "
Constr. Engr. Chas. R. Harte. "
Total mileage and equip: 720.423 miles: 4-8½ g; 1584 motor pass. cars and 259 other motor cars; 2 elec. locos; 99 other cars. ★127

104—The Connecticut Co. — (New Haven Div.) (Connects New Haven, West Haven, Woodmont, Derby, Ansonia, Cheshire, Wallingford, Branford and Stony Creek.) For general officers, see No. 103.
Mgr. F. P. Harlan.....New Haven
Supt. J. B. Judge..... "
Claim Agt. C. T. Matson..... "
Ch. Engr. L. A. Farnham... "
M. M., James Dooley..... "
Roadmaster, P. N. Wilson.. "
Power sta. equip. 7 d. c. G. E., C. W. tot. 5500 kw: 1 a. c. turbo-gen. West. 7500 kw. 11.000 v. 3 ph. 25 cys: 3 rot. conv. tot. 6000 kw.: 6500 hp. e. Weth., Allis-C, Bckye; 5000 hp. b. Big-Hornsby; trans. 11 000 v; trolley volt. 600 v.
Power stas. 458 Grand Ave., and Elm & River Sts., West Haven; sub-sta. (2-200 kw. 3 ph. 25 cys. G. E. rot. conv. 11,000 v.) at North Haven; repair shop, 301 Grand Ave.
Reaches and owns Savin Rock Park.
178.109 miles: 4-8½ g; 529 motor pass. cars and 75 other motor cars; 35 other cars. ★127

105—The New York, New Haven & Hartford R. R.—Offices, New Haven, Boston and New York. (Co. operates by overhead trolley system main line from Woodlawn, N. Y., to New Haven via Stamford (60.5 miles), Harlem River Branch (11.17 miles), New Canaan Branch (7.65 miles), Providence, Warren and Bristol Branch (22.82 miles), and during summer its line between Nantasket and Pemberton (6.95 miles.) (Enters New York City over tracks of New York Central.) (Co. has also electrified tunnel at Providence, R. I.) (Controls all elec. rys. operated by The Connecticut Co. in Conn; also controls Berkshire St. Ry. Co. (which leases The Vermont Co. and operates Hoosick Falls R. R. Co.). New York, Westchester & Boston Ry. Co., New York & Stamford Ry. Co. and Westchester St. R. R. Co. of White Plains.)
Pres. E. J. Pearson.....Boston, Mass.
Chmn. Comm. Intercorporate Relations, Howard Elliott.....Boston, Mass.
V. Prests. { B. Campbell .....New Haven (Gen. Counsel) / E. G. Buckland " / Compt., J. M. Tomlinson "
Sec. A. E. Clark ..... "
Asst. Sec'ys, { C. H. Hempstead " / W. H. Rowland "
Treas. A. S. May..... "
Asst. Treasrs. { T. F. Paradise " / A. W. Bowman "
Assts. to Pres. { E. M. Willis Boston, Mass. / C. L. Bardo..New Haven
*Executive Asst. E. G. Riggs, Rm. 3840 Grand Central Terminal, New York, N.Y.
Audr. Revenue, A. Mackrille..New Haven
Gen. Mgr. G. W. Wildin..... "
Gen. Supts. { W. H. Foster... " / C. N. Woodward Boston, Mass. / J.A.Droege, New York N.Y.
Asst. Gen. Supt. R. D. Fitzmaurice..... " "
Pur Agt. Geo. G. Yeomans, Boston, Mass.
Gen. Pass. Agt. A. B. Smith..New Haven
1st Asst. Gen. Pass. Agt. F. C. Coley ..... "
Gen. Fgt. Agt. L.H.Kentfield.. "
Fgt. Claim Agt. G. L. Winlock, Boston, Mass.
Elec. Engr. P. J. Kearney....New Haven
Elec. Supt. H. Gilliam .....Coscob
Gen. Mech. Supt. G. O. Hammond, New Haven
Mech. Supts. { C. J. Stewart... " / G. A. Moriarty, Boston, Mass.
Engr. of Tests. H. P. Haas ...New Haven
Engr. Elec. Trac. A. L. Ralston .....New York, N. Y.
Insptr. of Power Houses B. F. Bardo .....New Haven
Mech. Engr. W. R. Maurer.... "
Supt. C. H. Motsett..Harlem River, N. Y.
Supt. of Shops, L. W. Hendricks, Van Nest, N. Y.
Ch. Engr. Pwr. Plant C. L Peterson.....Coscob
Ch. Engr. Edw. Gagel.....New Haven
M.M., S. R. Richards..Harlem River, N.Y.
Engr. of Structure W. H. Moore .....New Haven
Supvr. Track, G. A. De More.. "
Power sta. equip. 8 a. c. West. tot. 35,510 kva. 11.000 v. s. ph. 25 cys; 16,080 hp. b. Bab. & W, Big. Hornsby; 34,000 kw. turb. (stm). Westg; trans. volt. 22.000 v; trolley volt. 11,000 v. Purchases energy from United Elec. Lt. & Pwr. Co., New York City.
Power sta. at Coscob, Conn.; repair shops, Stamford, New Haven and Van Nest.
570 miles (trolley volt. 11,000 v. a. c. catenary, s. ph. 25 cys. and 575 v.d. c.); 4-8½ g; 27 mult. unit motor cars, 50 trailers and 102 elec. locos. ★18

106—West Shore Ry. Co.—(Operated under agreement by The Connecticut Co.) (Connects West Haven and Woodmont.)
Pres. L. S. Storrs.....New Haven
Sec. Victor S. Curtis..... "
Treas. E. T. Chapman..... "

NEW LONDON. 19,659.
(See No. 108.)

NORWALK. 24,211.

107—The Connecticut Co.—(Norwalk Lines). Office, 10 High St. (Connects Stamford, Norwalk and Westport.) See New Haven for general officers.
Mgr. J. S. Goodwin.....Bridgeport

Supt. C. H. Copley.....Norwalk
Claim Agt. A. B. Gould.....Bridgeport
M. M., W. F. McCoy..... "
Roadmaster, M. E. Stark..... "
Purchases energy from the Conn. Lt. & Pwr. Co.; trolley volt. 600 v.
Controls Roton Point Park.
24.410 miles; 4-8½ g; 39 motor pass. cars and 10 other motor cars. ★18

NORWICH. 28,219.

108—The Shore Line Elec. Ry. Co.—Office, 362 Main St. (P.O. Box 477). (Operates an electric railway between New Haven, Stony Creek, Guilford, Madison, Clinton, Westbrook, Old Saybrook, Essex, Ivoryton and Deep River. In July 1913, leased for 99 years that portion of the Connecticut Co. known as the New London Div. which is substantially local lines of New London and Norwich, line from New London to Norwich, Willimantic and Coventry, also line from Norwich to Jewett City, Plainfield, Central Village, Danielson, Dayville, Putman to Grosvenordale. In 1916, purchased the following: Norwich & Westerly Traction Co., Westerly & Connecticut Ry. Co., Pawcatuck Valley St. Ry. Co and Ashaway & Westerly Ry. Co., connecting Norwich, Poquetanuck, Hallville, Preston, Ledyard, N. Stonington, Conn., and White Rock, Ashaway, Westerly, Watch Hill, Pleasant View, Atlantic Beach, and Weekapang, R. I., 33.15 miles; Groton & Stonington St. R. R. Co., connecting New London, Groton, Noank, Mystic, Stonington, Conn., and Westerly, R. I., 23 miles; New London & East Lyme St. Ry. Co., extending from New London to Waterford, Flanders to Ferry Road at Saybrook, East Lyme and Niantic, 25.7 miles.) (In 1917, The Shore Line Electric Railway Co. of Rhode Island was organized and has absorbed all rights possessed by Pawcatuck Valley St. Ry. Co., Ashaway & Westerly Ry. Co. and Westerly & Connecticut Ry. Co.)
Pres. R. W. Perkins.....Norwich
Sec. & Treas. A. E. Sherman.... "
Audr. Geo. W. Geer..... "
*Gen Mgr. M. G. Stratton..... "
Supt. Transp. J. H. Cain..... "
Claim Agt. R. G. Staplin..... "
Gen. Fgt. & Pass. Agt.
D. C. Peck.....New London
Pur. Agt. J. E. Vaughn.....Norwich
Elec. Supt. R. W. Eaton..... "
M. M. John Mellor..... "
Supt. Way & Struct.
J. B. Whittemore..... "
Gen. Line Fmn.
J. H. Humphrey..... "
Power sta. equip. at Saybrook; 3 a. c. G. E. Allis C. tot. 3400 kw. 11,000 v. 3 ph. 25 cys; 1875 hp. b. Big; 4000 kw. turb. (stm.) G. E: trans. volt. 11,000 v; trolley volt. 1200 v. d. c.
Power sta. equip. at Thamesville (P. O. Norwich); 1 d. c. G. E. 800 kw; 2 a. c. Westg. tot. 2250 kw. 3 ph. 25 cys: 1000 hp. e. Prov, Westg; 1600 hp. b. Bab & W, Edge; trans. volt 11,000 v; trolley volt. 550 v.
Pwr. sta. equip. at Hallville; 3 a. c. Westg. tot. 1200 kw. 3 ph. 25 cys; 1500 hp. e. Ham, Cor; 1250 hp. b. Frank; trans. volt. 16,000 v; trolley volt. 600 v.
Power sta. equip. at Mystic; 2 d. c. Westg. tot. 650 kw; 970 hp. e. C. & G Cpr; 606 hp. b. Stir; trolley volt. 600 v.
Power stas. at Saybrook, Thamesville, Mystic and Hallville; sub-sta. at Saybrook: repair shops at Saybrook, Greenville, Oswegatchie, Mystic and Hallville.
Reaches Lincoln Park and Wequetequock Casino; owns Golden Spur Inn at East Lyme.
221.8 miles; 4-8½ g; 180 motor pass. cars and 41 other motor cars; 8 other cars. ★18

PLAINVILLE. 2,883.
(See No. 95.)

POQUETANUCK. 400.
(See No. 108.)

PUTNAM. 7,280.
(See No. 108.)

SHELTON. 4,807.
(See No. 93.)

SOUTHINGTON. 6,516.
(See No. 100.)

SOUTHPORT. 1,479.
(See No. 93.)

STAMFORD. 28,836.
(See Nos. 93, 105 and 736.)

STONEY CREEK. 1,200.
(See Nos. 92, 104 and 108.)

STRATFORD. 5,712.
(See No. 93.)

SUFFIELD. 3,841.
(See No. 109.)

TORRINGTON. 16,840.
(See No. 96.)

WALLINGFORD. 11,155.
(See No. 100.)

WAREHOUSE POINT. 6,609.

109—Hartford & Springfield St. Ry. Co.—Office, Warehouse Point; Ex. office, 53 State St., Boston, Mass. (Operates Windsor Locks Traction Co., Somers & Enfield Elec. Ry. Co. and Rockville, Broad Brook & East Windsor St. Ry. Co.) (Connects Hartford, Thompsonville, Windsor Locks, Warehouse Point, Rockville, Broad Brook, Windsor, Suffield, Hazardville, Somersville and Somers and Springfield, Mass.)
Pres. Nathan Anthony
53 State St., Boston, Mass.
V. Pres. Thos. C. Perkins.....Hartford
Treas. P. L. Saltonstall
53 State St., Boston, Mass.
Audr. Thos. L. Skinner.... " "
*Actg. Mgr.
J. M. Mellor.....Warehouse Point
Ch. Engr. Pwr. Sta.
J. E. Hamilton..... " "
M. M., Fred. M. DuBois " "
Roadmaster,
James Furey..... " "
Park Mgr. F. W. Lovejoy " "
Power sta. equip. 3 d. c. G. E., C.-W. tot. 1100 kw; 1800 hp. e. Weth. Cpr, Cor; 1000 hp. b. A. & T; trolley volt. 625 v.
Power sta. and repair shops at Warehouse Point.
Reaches Piney Ridge Park (owned).
48.1 miles; 4-8½ g; 46 motor cars, 4 snow plows, 3 work cars. ★18j

WATERBURY. 73,141.

110—The Connecticut Co.—(Waterbury Div.) Office, 57 N. Main St. (Connects Waterbury and New Haven via Cheshire; Waterbury and New Haven via Derby and Naugatuck; Middlebury and Woodbury, Thomaston and Watertown.) For general officers see New Haven.
Supt. Chas. H. Chapman.....Waterbury
Claim Agt. B. W. Johnson.... "
M. M., E. F. Mott..... "
Roadmaster, H. F. Purrington. "
Energy purchased from the Conn. Lt. & Pwr. Co.; trolley volt. 600 v.

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Repair shops, W. Main St., Waterbury.
Reaches and owns Lake Quassapaug, Middlebury.
84.139 miles; 4-8½ g; 137 motor pass. cars and 26 other motor cars; 2 elec. locos; 6 other cars. ★18

111—Waterbury & Milldale Tramway Co.—Office, 144 Bank St. (Extends from Waterbury to Milldale, where connection is made with the Conn. Co's. line for Meriden and New Britain.)
Pres. Chas. H. Clark.....Milldale
*Sec. & Gen. Mgr. J.H.Cassidy.Waterbury
Treas. R. A. Clark.....Kansas City, Mo.
Supt. Frank McEnaney.....Waterbury
Purchases energy..
8.5 miles; 6 motor cars. ★107j

WEST HAVEN. 8,543.
(See Nos. 104 and 106.)

WESTPORT. 4,259.
(See No. 93.)

WILLIMANTIC. 11,230.
(See No. 108.)

DELAWARE.

DELAWARE CITY. 1,132.
(See No. 112.)

NEW CASTLE. 3,351.

112—Wilmington, New Castle & Delaware City Ry. Co. (Consolidation of Wilmington, New Castle & Delaware City Ry. Co. and Wilmington Southern Traction Co.)—Office, 603 Market St., Wilmington. (Connects Delaware City, Riverside, Dobbinsville, New Castle and Wilmington.) (Controlled, through stock ownership, and leased by Wilmington & Philadelphia Trac. Co.)
Pres. Van Horn Ely,
1321 Walnut St., Philadelphia, Pa.
V. Pres. & Gen. Mgr.
T. W. Wilson.....Wilmington
Sec. & Treas C. N. Ryan.... "
Audr. C. E. Yost ..... "
Supt. Wm. A. Heindle..... "
Energy from Wilmington & Philadelphia Trac. Co.
17 miles; 5-2½ g; 14 motor and 4 other cars. 127

WILMINGTON. 87,411.
(See also Nos. 112, 205, 704, 706, 981 and 982a.)

113—Wilmington & Philadelphia Trac. Co., The—Office, 603 Market St., Wilmington. (Owns all the stock of Southern Penn. Trac. Co., Chester & Eddystone St. Ry. Co., Wilmington, New Castle & Delaware City Ry. Co., Peoples Railway Co. and Wilmington Lt. & Pwr. Co., which last three companies it leases; also leases and operates the Wilmington City Ry. Co., Wilmington & Edgemoor Elec. Ry. Co., Gordon Heights Ry. Co., Front & Union St. Ry. Co. and Wilmington City Elec. Co., of which companies the United Pwr. & Transpt. Co., owns entire capital stock, directly or indirectly.) (Controls and operates through the above leases and through the Southern Penn. Traction Co. all electric light and power business in the City of Wilmington and vicinity, and street railway lines in Wilmington, New Castle and Delaware City, Del., Chester and Media, Pa., and suburban lines connecting the above places with each other and with the City of Philadelphia, comprising a total of 136 miles of track.) (Controlled by The American Railways Co.)
Pres. Van Horn Ely
1321 Walnut St., Philadelphia, Pa.
V. Pres. & Gen. Mgr. T.W.Wilson
Wilmington
*Sec. & Treas. C. N. Ryan... "
Audr. C. E. Yost..... "
Gen. Supt. Wm. A. Heindle.. "
Supt. Transpt. H. H. Geiger.. "
Claim Agt. A. G. Jack.....Chester, Pa.
Supt. Lt. & Pwr. Dept.
A. T. Throop.....Wilmington
Ch. Engr. Pwr. Sta.
C. S. McGill..... "
M. M., J. W. Gould..... "
Power sta. equip. 9 d. c. G. E., Bull. tot. 2050 kw; 5850 hp. e. Weth; 9400 hp. b. Ster. Edge, Heine; 8400 kw. stm. turb. G. E, Westg, Allis-C; trans. volt. 2200 v; trolley volt. 550 v; energy also purchased from Delaware County Elec. Co.
Power stas. and repair shops at Wilmington and Chester.
Owns Shellpot Park and Brandywine Springs Park.
136 miles; 5-2¼ g; 371 cars, of which 295 have electric equipment. Sells energy. ★127

DISTRICT OF COLUMBIA.

WASHINGTON. 331,069.
(See also No. 391.)

114—The Capital Traction Co.—Office, 36th & M Sts., N. W. (Leases the Washington & Maryland Ry. Co.)
Pres. Geo. E. Hamilton..... Washington
V. Pres. D. S. Carll..... "
V. Pres. (in chge. oper.)
J. H. Hanna..... "
*Sec. & Mgr. Claims Dept.
H. D. Crampton..... "
Treas. R. D. Simms..... "
Supt. Transp. G. W. Shockey "
Supt. Traffic E. Von Culin... "
Pur. Agt. J. Fleming..... "
Claim Adjt. T. G. Hill..... "
Elec. Engr. R. H. Dalgleish. "
Ch. Engr. Pwr. Sta.
A. H. Sparshott..... "
M. M., W. H. McCarty..... "
Engr. M. of W.,
H P. Huntting..... "
Roadmaster, F. Morrill..... "
Power sta. equip. 4 d. c. G. E. tot. 2100 kw; 4 a. c. Westg. tot. 11.000 kw. 3 ph. 25 cys; 3200 hp.e. Allis-C; 8800 hp. b. Bab. & W. A. & T; 11.000 kw. stm. turb. Westg; trans. volt. 6600 v; trolley volt. 600 v.
Power sta., Wis. Ave. & K St., N.W., and Chevy Chase, Md.; repair shop at 3222 M St., N. W.
Reaches Chevy Chase Lake, Md.
65.348 miles (47.803 underground and 17.540 overhead); 4-8½ g; 437 motor and 296 other cars. (Company sells energy to railways.) 127

115—East Washington Heights Trac. R. R. Co.—Office, 2500 Pennsylvania Ave., S. E. (Connects Randle Highlands with the National Capital and operates along Pennsylvania Ave.)
Pres. A. E. Randle.....Randle Highlands
V. Pres. J. E. Melton .. "
*Sec. & Treas. J. Henry Brown "
Gen. Mgr. W. F. Hutchinson
2500 Pennsylvania Ave., S. E.
Energy purchased from Capital Trac. Co.
1 mile; 4-8½ g; 2 cars. 66

115a—Washington-Great Falls Ry. & Pwr. Co.—Office, 603 Hibbs Bldg. (Extends from Bradley Lane and Wisconsin Ave. to Great Falls, Md.)
Pres. Gardner L. Boothe.....Washington
*Sec., Treas. & Gen. Mgr.
J. C. Freeland..... "

Energy purchased from Washington & Rockville R. R. Co.
10.5 miles. §18

116—Washington-Interurban R.R. Co.—Office, 231-14th St., N. W. (Connects Washington, D. C., Cottage City, Bladensburg, E. Riverdale and E. Berwyn, Md.) (Controlled by Washington Ry. & Elec. Co.)
Pres. Clarence P. King.231 14th St., N.W.
V. Pres. W. F. Ham... " "
Asst. to Pres. R.W. King " "
Sec. S. R. Bowen..... " "
Treas. —— —— ..... " "
Gen. Atty. J. S. Barbour " "
Supt. J. H. Stephens .. " "
Claim Agt.
F. J. Mersheimer.... " "
Supt. Transp.
J. T. Moffett ..... " "
Engr. Way & Structures
C. S. Kimball..... " "
M. M., G. E. Haar.....2411 P St., N. W.
Pur. Agt. R. W. Crowell
231 14th St., N. W.
Energy purchased from Washington Ry. & Elec. Co.; trolley volt. 500 v.
Repair shops at 2411 P St., N. W.
8.255 miles; 4-8½ g; 1 motor car. ★117j

117—Washington & Maryland Ry. Co.—Office, 1413 H St., N. W. (Purchased franchise and assets of Baltimore & Washington Transit Co.) (Connects Takoma Park, Md. and Washington.) (Leased to The Capital Trac. Co.)
Pres. Chas. Selden, Jr.....Washington
V. Pres. & Gen'l Atty.,
Henry W. Williams.....Fidelity Bldg., Baltimore, Md.
Sec. N. M. Little.....Washington
Treas. W. Clabaugh. "
Gen'l Mgr. Wm. A. Mellen,
Takoma Park, Md.
Energy purchased from Washington Ry. & Elec. Co.; trans. volt. 6600 v; trolley volt 550 v; 1 rot. conv. G. E., 250 kw. 600 v. 3 ph. 25 cys: 3 transf. G. E.
Sub-sta. at Takoma Park, Md.
2.57 miles; 4-8½ g; 4 cars. 67

118—Washington & Old Dominion Railway—Office, 3506 M St., N. W., Washington. (Connects Washington, D. C., Alexandria, Bluemont and Great Falls, Va.)
Pres. Colin H. Livingston
3506 M St., N.W., Washington
V. Pres. E. B. McLean..... "
V. Pres. & Gen. Mgr.
W. B. Emmert..... "
Sec. & Treas. A. K. Stratton.. "
*Gen. Fgt. & Pass. Agt.
J. V. Davis..... "
Ch. Engr. R. W. Rittenour.... "
Power sta. equip. 2 a. c. Westg. tot. 1250 kw. 400 v. 3 ph. 25 cys; 1500 hp. b. Stir; 2500 kw. turb. (stm.) Westg; trans. volt. 33,000-22,000 v; trolley volt. 650 v.
Power sta. and repair shops at Rosslyn, Va.
Owns Great Falls Park.
98 miles; 4-8½ g; 25 motor and 10 other cars. (Will purchase energy from Potomac Elec. Pwr. Co.) 87j

119 — Washington Ry. & Electric Co.—Office, 14th & C Sts. N. W. (Controls the following: City & Suburban Ry. of Washington (which owns Washington, Berwyn & Laurel Elec. Ry.), 41.42 miles; Georgetown & Tennallytown Ry. Co., 8.56 miles; Washington & Glen Echo R. R. Co.; Washington & Rockville R. R. Co.. 11.5 miles; Washington, Woodside & Forest Glen Ry. & Power Co., 2.94 miles; Washington Interurban R. R. Co., 8.08 miles and Potomac Elec. Pwr. Co.)
Pres. Clarence P. King, 14th & C Sts., N.W.
*V. Pres. & Compt. W. F. Ham,
14th & C Sts., N.W.
V. Pres. Allen G. Hoyt..New York, N.Y.
Sec. S. R. Bowen....14th & C Sts., N. W.
Treas. —— —— .... " "
Gen. Atty.
John S. Barbour .. " "
Asst. to Pres.
R. W. King..... " "
Supt. J. H. Stephens " "
Supt. Transpt.
J. T. Moffett..... " "
Engr. Way & Structures
C. S. Kimball.... " "
M. M., G. E. Haar .....2411 P St., N. W.
Pur. Agt. R.W. Crowell
14th & C Sts., N. W.
Ch. Engr. L. E. Sinclair " "
Engrs. Pwr. Stas. { C. S. Wilson, Benning Pwr. Plant. J. W. Carroll, 14th & B. St., N.W.
POWER STA. EQUIP., 14th & B. Sts., N. W.—8 d. c. G. E. tot. 4850 kw; 6800 hp. e. McI. & S; 4950 hp. b. Bab. & W; trans. volt. 2300 v.
BENNINGS RD. STA. EQUIP. — 5 a. c. G. E. tot. 37,000 kw. 3 ph. 25 cys; 11,764 hp. b. Bab. & W; 47,000 hp. turb. (stm.) G. E; trans. volt. 6600 v; trolley volt. 600 v.
Power houses, 14th and B Sts., N.W. and Bennings Road & Eastern Branch. Repair shop at 2411 P St.
Reaches Glen Echo Park.
Furnishes energy for light, power and railway.
Washington Ry. & Elec. Co., 101.32 miles; tot. mileage 178.77 miles, 4-8½ g, of which 63.88 miles are underground electric and 109.89 miles overhead electric; 564 motor and 111 other cars, 25 snow plows and sweepers. ★117j

120—Washington Utilities Co.—Office, Rms. 1 & 2, Alexandria Natl. Bk. Bldg., Alexandria, Va. (Inc. in Nov., 1911, as Maryland-Virginia Railway Co. Name changed in Nov., 1912, to above; chartered to construct a line from Nauck, Va., to Manassas, Va.)
Pres. Norman Grey.....Washington
Sec. & Treas. W. W. Spaid.. "
18

121—Washington-Virginia Ry. Co.—Executive office, Hibbs Bldg.; operating office, 1202 Pennsylvania Ave. (Connects Washington, D. C., Alexandria, Mt. Vernon, Radio, Ballston, Falls Church, Dunn Loring, Nauck, Clarendon, Vienna, Fairfax, Arlington, Arlington National Cemetery and Ft. Myer, Va.)
Pres. Norman Grey, 603 Hibbs Bldg.
V. Pres. David A. Howe..... "
Sec. Gardiner E. Boothe..... "
Treas. J. C. Freeland..... "
Gen. Mgr. R. W. King...1202 Penna. Ave.
Claim Agt. Thos. H. Travers.... "
Civil Engr. C. A. Sinclair
603 Hibbs Bldg.
Elec. Engr. J. H. Stephens
1202 Penna. Ave.
Gen. Supt. J. W. Rich..... "
Supt. Mt. Vernon Div.
P. E. Clift..... "
M. M. Daniel Schum..Four Mile Run, Va.
Power sta. eqnip. 2 d. c. G. E. tot. 1000 kw; 3 a. c. Westg. tot. 2000 kw 3 ph. 25 cys: 1500 hp. e. Prov; 2000 kw. turb. (stm.) Westg; 2300 hp. b. Stir, Big; trans. volt. 6600 v; trolley volt. 600 v.
Sub-stas., Arlington Junction, Alexandria, Lacey and Vienna: repair shops at Four-Mile Run and Lacey, Va.
Reaches Washington Luna Park.
63.36 miles; 4-8½ g; 41 motor and 38 other cars. ★18

FLORIDA.

DAYTONA. 6,277 (1913).

122—Central of Florida Ry. Co.—Office, Daytona. (Connects Daytona, Daytona Beach and Sea Breeze.)
Pres. & Gen. Mgr.
Michael Sholtz..... Daytona
1st V. Pres. Jno. F. Hawkridge.. "
2d V. Pres. J. Judson Dean..... "
*Sec., Supt., Pur. Agt. & Claim Agt.
David Sholtz..... "
Treas. James K. Atkinson..... "
Energy purchased from Daytona Public Service Co.
Repair shops, First & Bay Sts.
Reaches and owns Nautilus Casino and Nautilus Baths.
5 miles; 4-8½ g; 5 motor cars and 1 other car (storage battery system). 127

FERNANDINA. 3,482.

123—Fernandina Munic. Ry.—Office, Fernandina. (Connects Fernandina and Amelia Beach; operates during summer months only.)
*Gen. Mgr. R. V. Nolan.....Fernandina
Pur. Agt. W. S. Whitney..... "
Ch. Engr. Louis Austin..... "
Power sta. equip. d. c. Bull. 75 kw; 150 hp. e. H. F. & M.; trolley volt. 550 v.
Reaches Amelia Beach (owned).
2 miles; 4-8½ g; 2 motor pass. cars, 2 trail pass. cars and 1 other car. (Operation suspended during 1917 on account of war.) ★127

JACKSONVILLE. 57,699.

124—Jacksonville Traction Co.—Gen. Office, Jacksonville; ex. office, 147 Milk St., Boston, Mass. (Company does entire electric railway business in Jacksonville.)
Pres. Geo. J. Baldwin
55 Wall St., New York, N. Y.
V. Prests. { Chas. F. Wallace... { Boston,
{ Harry H. Hunt..... { Mass.
Clerk, Alvah K. Todd..... "
Treas. Henry B. Sawyer..... "
Asst. Treas. Peter M. Miller
Jacksonville
Gen. Mgrs. Stone & Webster
Boston, Mass.
Local Mgr. Hardy Croom...Jacksonville
Claim Agt. J. S. Harrison.... "
Supt. B. T. Longino..... "
Pur. Agt. F. M. Martzall..... "
Ch. Engr. Pwr. Sta.
W. N. Norris..... "
M. M., A. B. Bowman..... "
Engr. of Way
W. B. Simmons..... "
Power sta. equip. 2 d. c. G. E. tot. 2400 kw; 3000 hp. e. Nord; 1200 hp. b. Edge; trolley volt 600 v.
Power sta., Riverside Ave. and Lelia St. (tot. cap. 1875 kw.); repair shops, Riverside Ave. and McCoy St.
Reaches Florida Ostrich Farm.
56.9 miles; 5 g.; 111 motor pass. cars; 7 other cars. 57

124a—San Jose Trac. Co.—Office, Jacksonville. (Connects South Jacksonville and Hollywood.)
Pres. & Gen. Mgr.
Geo. T. Christie.....Jacksonville
V. Pres. W. McL. Christie.. "
*Sec. & Treas.
Willet Groover..... "
3 miles. §127

KEY WEST. 19,945.

125—The Key West Elec. Co.—Boston office. 147 Milk St.; local office, Duval and Green Sts., Key West. (Does the entire street railway and electric lighting and power business in Key West.)
Pres. Geo. J. Baldwin
55 Wall St., New York, N. Y.
V. Prests. { Henry G. Bradlee.. { Boston,
{ Harry H. Hunt..... { Mass.
Sec. Alvah K. Todd..... "
Treas. Henry B. Sawyer.... "
Asst. Treas. Arnold Swain.....Key West
Gen. Mgrs. Stone & Webster
Boston, Mass.
Mgr. R. G. Carroll.....Key West
Ch. Engr. Pwr. Sta.
Anthony Yates..... "
M. M., E. D. Loper..... "
Power sta. equip. 2 d. c. Westg. Ft. W. tot. 300 kw; 4 a. c. Ft. W., Allis-C, Westg. tot. 545 kw. 2 ph. 60 cys; 450 hp. e. (oil) Diesel; 450 hp. e. Ball; 600 hp. b. Bigelow; trolley volt. 550 v.
Power sta. and repair shops, Key West.
Reaches La Brisa Park (owned).
5.41 miles; 5-2½ g.; 9 motor passenger cars and 1 other car. 127

MIAMI. 28,000. (1917.)

126—Miami Traction Co.—Office, 212 12th St.
*Pres. B. B. Tatum.....Miami
V. Pres. J. H. Tatum..... "
Sec. J. R. Tatum..... "
Treas. S. M. Tatum..... "
Audr. & Supt. E. L. Parke..... "
Engr. Pwr. Sta. & M. M., W. F. Key "
Power sta. equip. 2 d. c. G. E. tot. 40 kw; 60 hp. e. (oil) Muncie.
Power sta. & repair shop at Ave. U & 9th St.
Reaches and owns Tatum Park.
5 miles; 4-8½ g; 6 motor cars (storage battery system). ★127

PENSACOLA. 22,982.

127—Pensacola Elec. Co.—Office, W. Garden St.; Boston office, 147 Milk St. (Does the entire electric railway business in Pensacola and owns the Escambia County Elec. Lt. & Pwr. Co., which company does the entire electric lighting and power business.) (Connects Pensacola, Navy Yard and Barrancas.)
Pres. Geo. J. Baldwin
55 Wall St., New York, N. Y.
V. Pres. Harry H. Hunt....Boston, Mass.
Sec. Alvah K. Todd..... "
Treas. Henry B. Sawyer..... "
Asst. Treas. W. B. Anderson...Pensacola
Gen. Mgrs. Stone & Webster
Boston, Mass.
Local Mgr.
Thomas J. Hanlon, Jr.....Pensacola
Gen. Supt. J. G. Holtzclaw.... "
Claim Agt. C. L. Shine..... "
Ch. Engr. Pwr. Sta.
J. M. Anderson..... "
M. M., R. C. Ralph..... "
Power sta. equip. 1 d. c. C.-W. 500 kw; 3 a. c. West. Allis-C. tot. 2300 kw. 2300 v. 3 ph. 60 cys; 670 hp. e. Cpr; 1600 hp. b. Heine; 2300 kw. (stm.) turb. West. Allis-C; 1 mo.-gen. set 800 kw; trans. volt. 2300 v; trolley volt. 550 v.
Power sta. Main and Tarragona Sts.; repair shop, De Villier and Gadsden Sts.
Reaches Palmetto Beach (owned) and Magnolia Bluff.
21.4 miles; 4-8½ g; 35 motor pass. and 11 trail cars; 8 other cars. ★127

ST. AUGUSTINE. 5,494.

128—St. Johns Elec. Co.—Office, Bay St., St. Augustine. (The St. Augustine & South Beach Ry. is part of this system. Connects St. Augustine with Anastasia, South Beach and Chautauqua Beach.)
Pres. J. I. Mange.....New York, N. Y.
V. Pres. T. W. Moffat..... " "
Sec. & Treas. H. B. Brown.. " "
Audr. B. E. Dyson .....St. Augustine
Oper. Mgrs. The J. G. White Mgt. Corpn.
43 Exchange Pl., New York, N. Y.
Mgr. O. H. P. Fant.....St. Augustine
Elec. Engr. W. M. Didlake "

Ch. Engr. Pwr. Sta.
J. L. King.....St. Augustine
M. M., W. H. Forward..... "
Engr. Ovhd. Constr.
Henry Taylor..... "
Power sta. equip. 1 d. c. Bull. 500 kw; 3 a. c. G. E. tot. 900 kw. 2300 v. 3 ph. 60 cys; 1611 hp. e. Allis-C, H. O. & R; 906 hp. b. Stir; trans. volt. 2300 v; trolley volt. 550 v.
Power sta. & repair shops, St. Augustine. Owns So. Beach and Chatauqua Beach.
10 miles; 4-8½ g; 9 motor and 2 other cars. Company does general ltg. & pwr. business. 127

ST. PETERSBURG. 4,127.

139—St. Petersburg & Gulf Ry. Co.—Office, 5th and Central Aves., St. Petersburg. (Connects St. Petersburg, Gulfport, Davista, Southland Seminary and Big Bayou.)
Pres. Wm. C. McClure.....Peoria, Ill.
1st V. Pres. & Gen. Mgr. H. Walter Fuller
Real Estate Tr. Bldg., Phila., Pa.
2d V. Pres. H. K. Heritage
Real Estate Tr. Bldg., Phila., Pa.
Sec. & Treas. J. D. Scanlon
Real Estate Tr. Bldg., Phila., Pa.
Audr. A. L. Mitchell.....St. Petersburg
Asst. Gen. Mgr.
Walter P. Fuller..... "
*Supt. Claim & Pur. Agt.
Edw. Morton, Jr..... "
M. M., Edw. Morton, Sr.... "
Roadmaster, J. S. Wilder... "
Engr. Ovhd. Constr.
Emmet McClung..... "
Energy purchased from St. Petersburg Elec. Lt. & Pwr. Co.; trolley volt. 600 v. d. c.
Repair shops at St. Petersburg.
Reaches Jungle, Big Bayou.
26.11 miles; 4-8½ g; 23 motor cars, 8 other cars. ★127

TAMPA. 37,782.

130—Tampa Elec. Co.—Office, 810 Tampa St. (Purchased the Tampa & Sulphur Springs Traction Co.) (Does the entire electric railway and electric lighting and power business in Tampa and operates an electric railway between Tampa, Port Tampa and West Tampa.)
Pres. G. J. Baldwin
120 B'way, New York, N. Y.
V. Prests. { Peter O. Knight.....Tampa
Harry H. Hunt
147 Milk St., Boston, Mass.
Sec'y. Alvah K. Todd..... "
Treas. Henry B. Sawyer..... "
Asst. Treas. F. J. Gwynn.....Tampa
Gen. Mgrs. Stone & Webster
Boston, Mass.
Local Mgr. C. F. W. Wetterer....Tampa
Claim Agt. B. M. Harrison..... "
Supt. Ry. Dept. W. M. Bird..... "
Pur. Agt. F. E. Fletcher..... "
Ch. Engr. Pwr. Sta.
H. E. Harley..... "
Asst. Ch. Engr. Pwr. Sta.
L. P. Chaney..... "
Elec. Engr. C. L. Howe..... "
M. M., E. T. Smith..... "
Roadmaster, T. C. Folsom..... "
Power sta. equip. 4 d. c. G. E., Westg. tot. 2700 kw; 6 a. c. Westg., G. E. tot. 14,600 kw. 2300 v. 2 ph. 60 cys; 1850 hp. e. Ham. Cor.; 3100 hp. b. Bab. & W.; 4 stm. turb. Parsons, Allis-C; 1400 hp. turb. (wtr.) McC.; trans. volt. 6600 v; trolley volt. 575 v.
Power stas. and repair shop at Tampa.
Reaches Ballast Point and Ballast Point Park.
52.62 miles; 4-8½g; 86 motor pass. cars and 1 other motor car; 16 other cars. ★127

GEORGIA.

ALBANY. 8,190.

131—Albany Transit Co.—Office, Albany.
Pres. C. W. Rawson..... .....Albany
V. Pres. F. F. Putney..... "
*Sec., Treas. & Pur. Agt.
J. C. Fulford..... "
Power sta. equip. 2 d.c. G.E. tot. 300 kw.
Power sta. at Flint & Front Sts., Albany.
6 miles; 4-8½ g; 5 motor and 4 trailers. 67

ATHENS. 14,913.

132—Athens Ry. & Elec. Co.—Office, N. E. Cor. Hancock & College Aves. (Successor to Athens Elec. Ry. Co.) (Controlled by the Cities Service Co.)
Pres. & Gen. Mgr.
C. D. Flanigen..... Athens
V. Pres. F. W. Frueauff
60 Wall St., New York, N. Y.
Sec. & Treas. C. D. Cox.....Athens
Supt. Lines, J. J. Fowler..... "
Engr. Pwr. Sta. H. M. Hughes.... "
M. M. & Roadmaster, Robt. G. Davis "
Power sta. equip. 2 rot. conv. G. E, West. tot. 600 kw; 9 a. c. G. E, Allis-C. tot. 4350 kw. 3 ph. 60 cys; 1600 hp. b. Stir; 1500 kw. turb. stm. Westg, Allis-C; 7190 hp. turb. (wtr.) S. V. Co., Allis-C; trans. volt. 12,000 and 2300 v; trolley volt. 600 v.
Power stas. (water) 2½ miles, 6½ and 11 miles from city. (Steam turbine sta. near city line.) Repair shops near city limits.
9.5 miles; 4-8½ g.; 16 motor cars, 2 other cars; company furnishes lighting and power. 18

ATLANTA. 154,839.

133—Atlanta Northern Ry. Co.—Office, Elec. & Gas Bldg. (Connects Atlanta, Bolton, Smyrna and Marietta.) (Stock owned by the Georgia Ry. & Elec. Co.)
Pres. P. S. Arkwright.....Atlanta
V. Pres. & Oper. Mgr.
W. H. Glenn..... "
Sec. G. W. Brine..... "
Treas. I. S. Mitchell, Jr..... "
Audr. H. Flynn..... "
Supt. Transp. S. E. Simmons.... "
Gen. Claim Agt. L. F. Wynne.... "
Pur. Agt. W. H. Smaw..... "
Energy purchased from Ga. Ry. & Pwr. Co.; 2 rot. conv. Westg. tot. 1000 kw; trans. volt. 22,000 v. 3 ph. 25 cys: trolley volt. 600 v.
21.63 miles (14.99 owned & 6.64 leased); 4-8½ g: 6 motor pass. cars, 2 trail pass. cars and 2 other motor cars; 1 other car. (Co. does lighting business at Smyrna and Bolton.) ★18

134—Georgia Ry. & Pwr. Co.—Office, Elec. & Gas Bldg., Atlanta. (Connects Atlanta, Decatur, Clarkston, Stone Mountain, Bolton, Smyrna, Marietta, East Point, Hapeville, College Park, East Lake and Buckhead. In 1916, purchased property of Gainesville Ry. & Pwr. Co., operating in Gainesville and connecting Gainesville, New Holland and Chattahoochee Park. In addition to lines owned, operates under lease street railway in Atlanta and vicinity, owned by Georgia Ry. & Elec. Co., which company owns the stock of the Atlanta Northern Ry. Co.) (Controls the Carrollton Elec. Co., Suburban Gas & Elec. Co. and Atlanta Gas Lt. Co.)
Pres. P. S. Arkwright..... Atlanta
V. Prests. { Gen. Mgr. G. W. Brine "
Sec. & Operating Mgr. W. H. Glenn..... "
Treas. I. S. Mitchell, Jr..... "
Audr. H. Flynn..... "
Supt. Transpt. S. E. Simmons..... "

Gen. Claim Agt. L. F. Wynne....Atlanta
Pur. Agt. W. H. Smaw..... "
*Gen. Supt. Elec. Dept. S. A. Redding "
Supt. Stm. Pwr.
J. T. Chambers..... "
Supt. Wtr. Pwr. F. W. Hadley,... "
Supt. Transm. & Distrbn.
T. F. Johnson..... "
Supt. Optn. E. P. Peck..... "
Supt. Equip. A. M. Moore..... "
Supt. Roadway, C. A. Smith..... "
M. M., J. E. Eaves..... "
Engr. Elec'l Dept. J. O. Hardin.... "
Pub. Agt. W. T. Waters..... "

Power sta. equip. 4 d. c. West, G. E. tot. 4025 kw; 31 a. c. G. E, West, Ft. Wayne, Allis-C. tot. 92,880 kw. 440-2200 & 6600 v. 2 & 3 ph. 25 & 60 cys; 18,600 hp. e. (stm. & gas) H. F. & M., McI. & S, R. & S, Greene-Wheelock, Snow; 16,155 hp. b. Bab. & W, Cole; 14,500 kw. stm. turb. West, G. E; 111,900 hp. turb. wtr. Smith, Holyoke; trans. volt. 110,000-88,100-22,000-11,000 v; trolley volt. 600 v.

Power stas. (9): Atlanta (2 stm.), Tallulah Falls, Morgan Falls, Carrollton, Dunlap, Hartwell, Chestatee and Gainesville; also purchases energy from Central Ga. Pwr. Co., Tenn. Pwr. Co. and Columbus Pwr. Co.

Car shops at Boulevard and Virginia Ave., Atlanta, and Gainesville. Dept. Tests and Repairs. Boulevard & Virginia Ave., Atlanta and Gainesville.

Reaches Baseball Park (owned) two city parks, Piedmont and Grant, and fair grounds.

229.75 miles; 4-8½ g; 369 motor pass. cars, 8 trail pass. cars and 24 other motor cars; 11 other cars. Company does a general lighting and power business in Atlanta and other cities in north Georgia. (Contemplates completing Tallulah Falls sta., by Nov. 1918, by installing 1 12,000-kw. G. E. gen. and 18,000-hp. Smith wtr. turb.) ★18

AUGUSTA. 41,040.

135—Augusta-Aiken Ry. & Elec. Corp.—Office, 8th and Telfair Sts. (Operates Augusta & Aiken Ry. Co. and controls Augusta Ry. & Elec. Co. and Georgia-Carolina Pwr. Co.) (Connects Augusta and North Augusta, Clear Water, Bath, Langley, Warrenville and Aiken, S. C.)

Pres. F. Q. Brown
31 Pine St., New York, N. Y.
V. Prests. { J. H. Pardee
48 Exchange Pl., "
J. K. Choate..... "
Sec. & Treas. D. H. Thomas
31 Pine St., New York, N. Y.
Audr. Asst. Sec. & Asst. Treas.
F. B. Culley..... Augusta
Oper. Mgrs. The J. G. White Mgt. Corpn.
43 Exchange Pl., New York, N.Y.
Gen. Mgr. R. W. Spofford.....Augusta
Supt. City Div.
W. B. Armstrong..... "
Supt. Inter. Div. E. E. Mitchell.. "
Claim Agt. Geo. H. Conklin..... "
Pur. Agt. L. Keim..... "
Ch. Engr. & Engr. Pwr. Sta.
A. W. Look..... "
Elec. Engr. J. J. Borger..... "
M. M., J. R. Burris..... "
Com. Agt. M. H. Hendee..... "

Power sta. equip. 4 d. c. G. E, tot. 1950 kw; 10 a. c. West. tot. 1800 kw. 2300 v. 2 ph. 60 cys; 1239 hp. b. Casey; 2750 kw. turb. (stm.) G. E; 18,950 hp. turb (wtr.) S. & B. Morris; trans. volt. 44,000 v; trolley volt. 600 v. d. c.

Power sta. and repair shops at Greene & 15th Sts., Augusta.

Owns Lake View & Piney Dell. Reaches May Allen and Renney Parks.

55 miles; 4-8½ g: 68 motor and 10 other cars. (Co. does general ltg. & pwr. business. Sells energy to The Carolina Lt. & Pwr. Co., Aiken, S. C.) 127

BRUNSWICK. 10,182.
(See also No. 146.)

136—City & Suburban Ry. Co.—Office, 1525 Grant St., Brunswick. (Controlled by Brunswick Terminal & Railway Securities Co., New York, N. Y.)

Pres. F. D. Aiken.....Brunswick
1st V. Pres. Albert Fendig..... "
*2d V. Pres. & Gen. Mgr.
A. de Sola Mendes..... "
Sec. & Treas. Geo. H. Smith... "
Audr. J. P. Brooks..... "
Supt., Claim & Pur. Agt. &
Ch. Engr. J. M. Armstrong.. "
Engr. Pwr. Sta. Chas. Brown.. "
M. M. John Farrell..... "

Power sta. equip. 1 d.c. Allis-C. 175 kw; 3 a. c. G. E. tot. 470 kw. 2300 v. s. ph. 125 cys; 650 hp. e. H. F. & M; 600 hp. b. Atlas; 2 G.E. stm. turb; trans. volt. 2300 v; trolley volt. 575 v.

Power sta. and repair shops, Brunswick. Reaches ball park at end of line.

8 miles; 4-8½ g; 7 motor and 4 other cars. 116

CLARKESVILLE. 528.

137—Clarkesville R. R. Co.—(Connects with Tallulah Falls Ry.)

Pres., Gen. Mgr. & Pur. Agt.
F. G. Spencer.....Clarkesville
V. Pres. W. S. Erwin..... "
*Sec. & Treas. O. M. Mauldin. "

1.25 miles; 4-8½ g; 2 gasoline motor cars. 47

COLLEGE PARK. 2,173.
(See No. 141.)

COLUMBUS. 20,554.

138—Columbus Elec. Co.—Gen. Office, Broad & 12th Sts., Columbus; ex-office, 147 Milk St., Boston, Mass. (Owns all stock of Columbus R. R. Co. and Gas Lt. Co. of Columbus, also 1,213 shares of preferred stock and entire common stock of The Columbus Power Co. These companies do the entire electric railway, electric lighting, gas and power business in the city of Columbus and vicinity, and in adjoining towns of Phoenix and Girard, and a wholesale power business in Columbus, West Point, Lanette, Lagrange, Hogansville, Trimble, Grantville, Moreland and Newnan.)

Pres. Harry H. Hunt.....Boston, Mass.
V. Pres. Geo. J. Baldwin,
120 B'way, New York, N. Y.
Sec. Alvah K. Todd.....Boston, Mass.
Treas. Henry B. Sawyer... "
Asst. { J. T. G. Nichols... "
Treasrs. { J. Coolidge Coffin "
Gen. Mgrs. Stone & Webster "
Mgr. Oper. Cos. John S. Bleecker
Columbus
★18

139—Columbus R. R. Co.—Gen. Office, Broad and 12th Sts., Columbus; ex-office, 147 Milk St., Boston, Mass. (Connects Columbus, Ga., Phoenix City and Girard, Ala., and is controlled by the Columbus Elec. Co. Of the mileage mentioned below, five miles have been leased to the Seaboard Air Line.)

Pres. Harry H. Hunt.....Boston, Mass.
V. Pres. Geo. J. Baldwin,
120 B'way, New York, N. Y.
Sec. Alvah K. Todd.....Boston, Mass.
Treas. Henry B. Sawyer.... "
Asst. Sec. & Asst. Treas.
A. A. Wilbur.....Columbus
Gen. Mgrs. Stone & Webster, Boston, Mass.
Mgr. John S. Bleecker.....Columbus
Gen. Supt. R. M. Harding..... "
Claim Agt. A. S. Bradley..... "
Pur. Agt. D. A. Turner..... "
Supt. Transp. W. F. Breese..... "
M. M., E. T. Smith..... "
Roadmaster,
W. B. Buchanan..... "

Energy purchased from The Columbus Pwr. Co.; trans. volt. 66,000-11,000 v; trolley volt 550 v.
Repair shops, 17th St. & 2d Av.
Controls Wildwood Park.
25.9 miles; 4-8¼ g; 41 motor pass. and 5 trail cars; 4 other cars. ★18

COVINGTON. 3,126.

140—Covington & Oxford St. Ry. Co.—(Connects Covington and Oxford.)
Pres E. W. Fowler.....Covington
Sec., Treas., Gen. Mgr. & Pur.
Agt. R. C. Guinn..... "
*Supt. J. B. Copeland.....Covington
Roadmaster, T. Bird.....Oxford
6 miles (horse); 4-8¼ g; 2 cars. 116j

FAIRBURN. 1,895.

141—Fairburn & Atlanta Ry. & Elec. Co.—Office, Fairburn, Ga. (Connects Fairburn, Union City, Stonewall, Red Oak and College Park.)
Pres. & Gen. Mgr. L. M. Hobgood, Fairburn
*Sec. Paul Speir..... "
Treas. C. R. Harvey..... "
Supt. of Equip. & Maint.
J. A. Hill..... "
Roadmaster, G. T. Wooten..... "
Repair shops at Fairburn.
Reaches Union City and College Park
10.6 miles; 4-8¼ g; 3 gasoline cars. ★127

GAINESVILLE. 5,925.
(See No. 134.)

MACON. 40,665.

142—Georgia Lt., Pwr. & Rys.—Gen. office, 62 Cedar St., New York, N. Y. (Voluntary organization and controls Macon Ry. & Lt. Co., Macon Gas Co., Central Georgia Pwr. Co. and Central Georgia Transm. Co.)
Pres. G. P. Toby.....New York, N. Y.
V. Prps. John D. Everitt "
*Sec. & Treas.
F. B. Lasher..... "
Asst. Sec. & Asst. Treas.
W. E. Fulcher..... "
127

143—Macon Ry. & Lt. Co.—Office, Public Utilities Bldg., Macon. (Consolidation of all the railway and light companies in Macon.) (Controlled by Georgia Lt., Pwr. & Rys.)
Pres. W. H. Felton..... .Macon
1st V. Pres. Philip G. Gossler
62 Cedar St., New York, N. Y.
2d V. Pres. L. S. Dure.....Macon
Sec. R. Frank Jones..... "
Treas. & Audr. J. J. Thames, Jr... "
*Gen. Mgr. & Ch. Engr.
L. A. Magraw..... "
Supt. T. H. Williamson..... "
Claim & Pur. Agt. S. W. Hatfield. "
Ch. Engr. Pwr. Sta. A. M. Howell. "
M. M., W. H. Whatley..... "
Engr. M. of W., B. R. Chestney.... "
Engr. Ovhd. Constr. J. W. Burch.. "
Pub. Agt. M. A. Bolin..... "
Power sta. (equip. (aux.) 1 d. c. G. E. 500 kw; 2 a. c. G. E, Westg. tot. 3000 kw. 2300 v. 3 ph. 60 cys; 750 hp. e. Ham, Cor; 2240 hp. b. Bab. & W; 3000 kw. stm. turb. Westg, G. E; trans. volt. 66,000 v; trolley volt. 590 v; energy purchased from Central Georgia Pwr. Co.
Power sta. and repair shops at Ocmulgee & Franklin Sts.
Reaches Crump's, North Highlands, Rice's Mill and Ocmulgee Parks.
37 miles; 4-8¼ g; 52 motor and 4 other cars. (Company furnishes lighting and power.) ★127

MARIETTA. 5,949.
(See No. 134.)

ROME. 12,099.

145—Rome Ry. & Lt. Co.—Office, 800 Broad St., Rome. (Connects Rome and Lindale.)
Pres. S. A. Culbertson....Louisville, Ky.
V. Pres. & Gen. Mgr.
S. S. Bush..... "
Sec. & Treas. G. W. Lewis.. "
*Supt. & Pur. Agt. H. J. Arnold....Rome
Elec. Engr. R. L. Maxwell..... "
Ch. Engr. Pwr. Sta. W. A. Ford.. "
M. M., A. Wade..... "
Power sta. equip. 2 a. c. turbo gen. G. E. tot. 1250 kw. 3 ph. 60 cys; 1000 hp. b. Stir. Vogt; 1500 kw. wtr. wh; trans. volt. 2300 v; trolley volt. 600 v. Has connections with Georgia Ry. & Pwr. Co.
Power sta. and repair shops, Rome.
Controls De Soto Park.
12 miles; 4-8¼ g; 22 motor cars and 1 other car. Company does general ltg. & pwr. business. 127

ST. SIMONS ISLAND. 300.

146—St. Simons Ry. Co.—Office, Bay and Mansfield Sts., Brunswick. (Operates from Ocean Pier to St. Simons Hotel.)
*Pres. F. D. Aiken.....Brunswick
V. Pres. F. D. M. Strachan.... "
Gen. Mgr. & Pur. Agt.
J. B. Wright..... "
Reach St. Simons Island Park.
1.7 miles; 4-8¼ g; 2 motor gasoline cars and 2 other cars. ★127

SAVANNAH. 65,064.

147—Savannah Elec. Co.—Office, Bay & Whiticker Sts. (Does the entire electric railway and greater part of electric lighting and power business in Savannah; connects Savannah with Thunderbolt and Isle of Hope. Guarantees principal, interest and sinking fund payments on notes of Savannah Pwr. Co., which company owns a power sta. at Savannah with present capacity of 14,700 hp. operated under lease.)
Pres. G. J. Baldwin,
55 Wall St., New York, N. Y.
V. Pres. } Chas. F. Wallace } 147 Milk St.,
Harry H. Hunt.. } Boston, Mass.
Sec. Howard C. Foss..... Savannah
Asst. Sec. Alvah K. Todd..... } 147 Milk St.,
Treas. Henry B. Sawyer..... } Boston, Mass.
Gen. Mgrs. Stone & Webster
Asst. Treas. T. L. Small.....Savannah
Mgr. Howard C. Foss..... "
Supt. of Ltg. J. L. Alexander... "
Claim Agt. J. W. Wood..... "
Pur. Agt. & Park Mgr.
A. L. P. Smith..... "
Elec. Engr. J. G. Brown ..... "
Ch. Engr. Pwr. Sta.
J. W. Atkins..... "
M. M., T. N. Hartin..... "
Roadmaster, W. G. Stuart..... "
Power stas. equip. 7 d. c. G. E. tot. 8760 kw; 4 a. c. G. E, Westg, Allis-C. tot. 11,500 kw. s. & 2 ph. 60 cys; 1200 hp. e. ——; 5510 hp. b. ——; 11,500 kw. (stm.) turb. Allis-C, Westg. G. E; trans. volt. 13,200 v; trolley volt. 600 v. d. c.
Power stations (2) Indian & Ann Sts. (cap. 1300 kw.) and West Broad & River Sts., on Savannah River (cap. 11,000 kw.); repair shop at Gwinnett and Ott Sts.
Owns Casino and Thunderbolt Parks and leases Lincoln Park.
59.1 miles; 5 g; 75 motor cars, 5 trail cars and 17 other cars. (Contemplates an extension of about 5 miles to Ft. Wentworth.) ★127

VALDOSTA. 7,656.

148—Valdosta St. Ry. Co.—Address, P. O. Box 42, Valdosta. (Connects Remerton and Pine Park.)
Pres. & Treas. E. E. West.
Jacksonville, Fla.
1st V. Pres. & Sec'y, J. G. Cranford,
Valdosta
2d V. Pres. A. H. West...Jacksonville, Fla.
*Gen. Mgr. Claim Agt., Fgt. &
Pass. Agt. T. J. Christie.....Valdosta

M. M., J. H. Watley.....Valdosta
Power from Valdosta Ltg. Co.; trolley volt. 550 v. Repair shops at Pine Park.
Reaches Pine Park (owned).
5 miles; 4-8½ g; 5 motor pass. cars and 1 trail pass. car. ★127

WEST POINT. 1,906.

150—Chattahoochee Valley Ry. Co.—Office, West Point. (Steam road (44 miles.) Operates a storage battery car from West Point to Standing Rock and Bleecker, Ala.)
Pres. Geo. H. Lanier.....West Point
V. Pres. R. C. Freeman..... "
Sec. & Treas. H. S. Sears..Boston, Mass.
Audr. C. E. Wright.....West Point
*Gen. Mgr. John T. Barker.. "
M. M., J. J. Anderson..... "
Engr. M. of W.,
W. F. Edmonds..... "
10 miles; 4-8½ g; 1 Edison storage battery car. ★127

HAWAII.

HONOLULU. 52,183.

151 — Honolulu Rapid Transit & Land Co.—Office, 1133 Alapai St.
Pres. L. T. Peck.....Honolulu
1st V. Pres. L. A. Thurston..... "
2d V. Pres. G. P. Castle..... "
*Sec. A. L. Castle..... "
Treas. C. H. Atherton..... "
Audr. W. M. Graham..... "
Gen. Mgr., Pur. & Claim Agt.
— — — ..... "
Supt. Transpt. Alex. Pratt..... "
Ch. Engr. H. S. Johnson..... "
Ch. Engr Pwr. Sta.
Robt. Menaugh..... "
Elec. Engr. & Engr. Overhd.
Constr. R. E. Hooper ..... "
Roadmaster, R. M. Duncan..... "
Mgr. Aquarium, G. A. Potter... "
Power sta. equip. 4 d. c. Westg. G. E. tot. 1900 kw; 1900 hp. e. H. O. & R; 1500 hp.b. Stir, Bab. & W; trolley volt. 575 v.
Power sta. and repair shop at Alapai St.
Reaches Aquarium (owned) and Rapiolani Park.
30 miles; 4 g; 54 motor and 18 other cars. ★18j

IDAHO.

AVERY.
(See No. 175.)

BOISE. 17,358.

152 — Boise Railway Co., (Successor to Boise Railroad Co., Ltd.) (Operates local lines.)
Pres. David Miller.....Boise
V. Pres. W. E. Pierce..... "
Sec. & Treas. Thos. R. Hamer..... "
Gen. Mgr. H. E Dalton..... "
M. M. Arthur Warren..... "
Purchases energy.
Repair shops at Warm Springs Ave.
Reaches Natatorium and White City Park.
8 miles; 4-8½ g; 10 motor and 2 other cars. ★87

153—Boise Valley Trac. Co. (Successor to Idaho Trac. Co.)—(Connects Boise, Eagle Star, Middleton, Caldwell, Nampa and Meridian.)
Pres. E. H. Dewey.....Boise
V. Pres. W. T. Wallace..... "
Sec. J. L. Eberle..... "
Treas. & Audr. E. A. Wetmore..... "
*Gen. Mgr. & Pur. Agt.
F. G. Houser..... "
Supt. Transp. N. R. Fox..... "
Claim Agt. E. C. Kiersted..... "
Gen. Fgt. Agt. C. W. Cox..... "
Ch Engr. & Elec. Engr.
W. H. Trenner..... "
M. M., C. H. Musgrove..... "
Energy purchased from the Idaho Pwr. Co.
Repair shop at Boise.
33.3 miles; 4-8½ g; 27 motor and 12 other cars. ★87

CALDWELL, 3,543.

154—Caldwell Traction Co., Ltd.—Office, Caldwell. (Operates in Caldwell by electricity; Wilder Branch, leased from Oregon Short Line Ry., connecting Caldwell, Houston and Wilder, operated by steam but will be electrified during 1918.)
Pres. Treas. & Gen. Mgr.
W. R. Sebree.....Caldwell
V. Pres. Howard Sebree ..... "
Sec. W. A. Stone..... "
Audr., Supt. & Gen. Fgt. &
Pass. Agt. C. D. Purkiser..... "
*Asst. Mgr. J. L. Magee..... "
M. M., H. E. Meek..... "
Roadmaster, John Murphy..... "
Energy purchased from Idaho Pwr. Co.; 1 d. c. G. E. 150 kw; 1 a. c. mo. G. E. 180 kw. 2300 v. 3 ph. 60 cys; trans. volt. 11,000 v; trolley volt. 600 v.
Repair shops at Caldwell.
Reaches Lake Lowell (leased from Government.)
23.5 miles (11.3 miles stm.); 4-8½ g; 4 motor pass. cars, 2 trail pass. cars and 1 elec. loco. ★127

CŒUR D'ALENE. 7,291.

155—Spokane & Inland Empire R. R. Co.—For officers see Spokane, Wash.
Repair shops at Spokane, Wash.
Reaches Blackwell Park, Coeur d'Alene City Park and Liberty Lake Park.
58 miles (electric and steam); 4-8½ g; 18 electric, 70 steam cars and 2 locos. Carries U. S. mail. 127

LEWISTON. 6,043.
(See No. 1165.)

NAMPA. 4,205.
(See No. 153.)

PRESTON. 2,110.
(See No. 1127.)

SANDPOINT. 2,993.

156—Sandpoint & Interurban Ry. Co. Ltd.—Office, cor. Main and Second Sts. (Connects Sandpoint, Ponderay and Kootenai.) (Application made to the Public Utilities Commission for permission to discontinue service.)
*Pres., Gen. Mgr. & Pur. Agt.
Al. Filson.....Sandpoint
1st V. Pres. J. B. Southmayd....Samuels
2d V. Pres. J. R. Law.....Sandpoint
Sec., Treas. & Audr.
E. B. Patterson..... "
Supt. & Ch. Engr.
L. L. Durrin..... "
Purchases energy from Northern Idaho and Montana Pwr. Co.
6 miles; 7 cars. 27j

TWIN FALLS. 5,258.

157 — Twin Falls Railroad Co.—Address, Power Bldg., P. O. Box 316. (Will connect Twin Falls, Kimberly, Hansen, Filer, Buhl and Jerome.)
Pres. & Gen. Mgr. I. B. Perrine, Twin Falls
V. Pres. & Elec. Engr.
L. H. Perrine..... "
*Actg. Sec. J. C. Moore..Box 493 "
Treas. E. B. Williams..... "
Ch. Engr. Paul S. A. Bickel.... "
125 miles projected, 12-mile loop in operation between Twin Falls and Great Shoshone Falls; 4-8½ g; 2 Beach-Edison Storage Battery cars. 57

ILLINOIS.

ALTON. 24,000 (1913).

158—Alton & Eastern Elec. Ry.—Office City Hall Bldg. (Will extend from City of Alton to State Hospital for Insane east of Alton and will connect with and be operated by Alton, Granite & St. Louis Trac. Co.)
Pres. L. C. Haynes, 7 Collinsville Ave., East St. Louis
Sec. and Treas. J. W. Gregory 7 Collinsville Ave., East St. Louis
Engr. M. of W., H. F. Merker 7 Collinsville Ave., East St. Louis
Will purchase energy.
6,420 feet; 4-8½ g.
(Under construction; will be completed during 1918.) $127

159—Alton, Granite & St. Louis Traction Co.—Gen. Office, City Hall Bldg., Alton. (Operates in Alton and connects St. Louis and E. St. Louis with Madison, Granite City, Mitchell, Alton, Venice, Wood River, Edwardsville and Brooklyn.) (Controlled by The E. St. Louis & Suburban Co.)
Pres. L. C. Haynes.....E. St. Louis
V. Pres. (In Charge of Operation) Harold W. Clapp.....Columbus, O.
Sec. & Asst. Treas. T. W. Gregory.....E. St. Louis
Treas. C. A. Caldwell.....Alton
Gen. Mgr. D. E. Parsons.....E. St. Louis
Gen. Supt. W. C. Myers..... " "
Claim Agt. T. C. Nielson..... " "
Gen. Pass. Agt. C. S. Darrach " "
Pur. Agt. E. C. Johnston .... " "
Ch. Engr. H. J. A. Gerard.....Alton
Supt. Pwr. G. W. Welsh.....E. St. Louis
Supt. J. A. Peterson..... " "
Engr. M. of W., H. F. Merker " "
Roadmaster John A. Roach.. " "
Asst. Supt. Pwr. T. H. Ness.. " "
Ch. Train Dispatcher G. W. Bullock..... " "
Energy purchased from E. St. Louis & Suburban Ry. Co.; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shops, E. St. Louis, Alton and Granite City.
Reaches Horseshoe Lake and Long Lake and Eagle Park.
63.012 miles; 4-8½ g; 55 motor and 3 other cars. ★127

ANNA. 2,809.

(See also No. 223.)

161—Central Illinois Public Service Co.—(Connects Anna and Jonesboro, Ill.; reaches Southern Illinois Hospital for Insane.) For general officers see Mattoon.
Local Supt. W. M. Perrine.....Anna
Energy from Electric Utility Div. of C. I. P. S. Co.; trolley volt. 550 v.
4.23 miles; 4-8½ g; 4 cars. ★127

AURORA. 29,807.

(See also No. 216.)

162—The Aurora, Elgin & Chicago R. R. Co.—General office, Aurora (Controls the Aurora, Elgin & Chicago Ry. Co., Elgin, Aurora & Southern Trac. Co. and Chicago, Wheaton & Western Ry. Co. (merged). (Connects Chicago, Maywood, Elmhurst, Lombard, Glen Ellyn, Wheaton, Aurora, Elgin, W Chicago, Batavia, St. Charles, Geneva, Oswego, Yorkville, Dundee and Carpentersville.)
Pres. L. J. Wolf, 1201 Guardian Bldg., Cleveland, O.
1st V. Pres. M. J. Mandelbaum " "
*2d V. Pres. & Gen. Mgr. Edwin C. Faber.....Aurora
Sec. & Treas. H. C. Lang 1201 Guardian Bldg., Cleveland, O.
Audr. H. A. Nevans .....Aurora
Consit. Engr. E. F. Gould..Cleveland, O.
Claim Agt. & Gen'l Atty. C. H. Pegler .....Aurora
Safety Supvr. H. B. Adams..... "
Gen. Fgt. & Pass. Agt. R. Breckinridge 314 So. 5th Ave., Chicago
Supt. Transpt. C. J. Jones.....Aurora
Pur. Agt. C. J. Nelson..... "
Elec. Engr. E. S. Gillette..... "
Ch. Engr. Power Sta. W. H. Lovett .....Batavia
M. M., J. W. Bowman .....Wheaton
Roadmasters { 3rd Rail Div. Jno. Carlson.. " ; Fox River Div. J. L. Brewer....Aurora
Engr. M. of W., S. J. Steiner..... "
Engr. Overhead Constr. S. E. Johnson..... "
Div. Supts. { A. H. Favreau (Chicago Div.) Wheaton ; T. C. Curtis.....Aurora ; J. W. Gunderson.....Elgin
Power sta. equip. 6 a. c. G. E. tot. 16,800 kw. 2300 v. 3 ph. 25 cys; 10,000 hp. e. Cooper; 8000 hp. b. Edge; 10,800 kw. stm. turb. G. E; trans. volt. 26,400 v; trolley volt. 600 v.
Power sta. at Batavia; repair shops and car barns at Wheaton, Aurora and Elgin.
Reaches Glenwood and Fox River Parks.
170 miles (3d rail and trolley); 4-8½ g; 132 motor, 68 other cars, 4 snow plows and sweepers. (Company does lighting and power business in Elgin.) ★127

163—Chicago, Aurora & De Kalb R. R.—Office, Plum St. (Connects Aurora, Kaneville, Maple Park, Cortland and De Kalb.)
*Pres. A. R. Evans.....Aurora
V. Pres. C. E. Lovell.....Kaneville
Sec. A. J. Erlenborn.....Aurora
Treas. G. A. Fauth..... "
Audr. G. E. Troll..... "
Gen. Fgt. & Pass. Agt. L. Blakinger..... "
M. M., Wm. Harmes..... "
Energy purchased from Aurora, Elgin & Chicago R. R.; trans. volt. 26,400 v; trolley volt. 600 v.
Repair shops at Aurora.
Reaches Bliss Park.
30.20 miles; 4-8½ g; 4 motor and 10 other cars. ★127

164—Fox & Illinois Union Ry.—Office, 229 Coulter Block, Aurora. (Connects Lisbon Center, Morris, Yorkville, Central, Kentland and Saratoga.)
*Pres. A. R. Evans.....Aurora
V. Pres. Henry Herbert Evans.... "
Gen. Mgr. & Pur. Agt. W. C. Miller.....Yorkville
M. M., W. Thompson..... "
Power purchased from Public Service Co. of Northern Illinois; trans. volt. 33,000 v; trolley volt. 600 v.
Power sub.-sta. Lisbon Center; repair shops, Yorkville.
20 miles; 4-8½ g; 3 motor and 3 other cars. ★127

BELLEVILLE. 21,122.

(See No. 201.)

BELVIDERE. 7,253.

(See No. 181.)

BLOOMINGTON. 25,768.

165—Bloomington & Normal Ry. & Lt. Co.—Office, 218 W. Jefferson St. (A consolidation of the Bloomington and Normal Ry., Elec. & Htg. Co., and Consumer Lt. & Ht. Co.) (Connects Bloomington & Normal.) Part of Illinois Traction System.
Pres. Wm. B. McKinley.....Champaign
V. Pres. H. E. Chubbuck.....Peoria
Sec. E. A. Macnutt.....Montreal, Can.
Treas. Geo. M. Mattis.....Champaign

Audr. F. J. Larsh.....Bloomington
Gen. Supt. D. W. Snyder, Jr.. "
Claim Agt. E. J. Gottschalk.. "
Supt. Transpt. T. G. Wood.. "
Ch. Engr. A. C. Salzman.... "
M. M., C. H. Robinson..... "
Oper. Engr. D. G. Wallace.. "
Power sta. equip. (See under Illinois Trac. System, Peoria.)
Power sta. So. West St.; repair shops No. Park St.
Reaches Houghton Lake and Miller Park.
22 miles; 4-8½ g; 33 cars. (Company does ltg. & pwr. business in Gridley, El Paso, Chenoa, Morton, Tremont and Lexington.) 127

CAIRO. 14,548.

166—Cairo Ry. & Lt. System.—(Including Cairo Elec. & Trac. Co., Cairo City Gas Co., and Cairo & St. Louis R. R. Co.) (Connects Cairo, Mound City and Mounds, Ill.) (Part of Illinois Traction System.)
Pres. W. B. McKinley.....Champaign
V. Pres. & Gen. Mgr.
H. E. Chubbuck..... .....Peoria
Sec. Edw. Woodman.....Portland, Me.
Asst. Treas. W. H. Carnahan...Champaign
Audr. W. J. Achelpohl.....Peoria
Gen. Supt. W. F. Crossley.....Cairo
Pur. Agt. H. J. Vance.....Peoria
Ch. Engr. W. C. Siebold.....Cairo
Supt. Transp. J. M. Davidge..... "
M. M., E. R. Kennedy..... "
Roadmaster, O. Smothers..... "
Power sta. equip. 3 a. c. G. E. Westg. tot. 1800 kw. 2300 v. 3 ph. 60 cys; 2250 hp. e. Erie, Ham; 1940 hp. b. Stir, Bab. & W; 750 hp. turb. (stm.) G. E; trans. volt. 2300-16,500 v; trolley volt. 500 v.
Power sta. and repair shops, 38th and Sycamore Sts.
23 miles; 4-8½ g; 27 motor and 5 other cars. Company does lighting and pwr. business. ★127

CANTON. 10,453.

167—Illinois Central Elec. Ry.—Office, Canton. (Connects Fairview, Norris, Brereton, Canton, St. David, Bryant, Lewistown, Gilchrist, Maplewood and Farmington.)
Pres. L. W. Morton.....Canton
V. Pres. M. W. Rafferty..... "
2d V. Pres. J. V. Brokaw..... "
Sec. W. D. Plattenburg..... "
Treas. E. A. Heald..... "
*Gen. Mgr. & Pur. Agt.
F. W. Plattenburg..... "
Ch. Engr. G. W. Chandler..... "
M. M. John Slater..... "
Roadmaster, F. C. Johnson..... "
Energy purchased from Canton Gas & Elec. Co.; trans. volt. 13,600 v; trolley volt. 600 v.
33 miles; 4-8½ g; 6 motor pass. cars and 1 other motor car; 2 other cars. ★127

CARTERVILLE. 2,971.

(See No. 223.)

CENTRALIA. 12,000 (1911).

168—Centralia & Central City Trac. Co.—Office, 108 So. Walnut St. (Connects Central City and Centralia.)
Pres. Max Prill.....Centralia
V. Pres. & Gen. Mgr.
Max H. Prill..... "
*Sec. & Treas. John Langenfeld.. "
Energy purchased from Centralia Gas & Elec. Co.; repair shops 511 N. Elm. St. Owns White City Park (42 acres).
3.5 miles; 4-8½ g; 4 motor and 3 other cars. 127

169—Centralia Traction Co.—Office, 108 So. Walnut St. (A suburban line extending from Centralia to the Village of Wamac. Connects with Centralia & Central City Trac. Co.)
Pres. John Langenfeld.....Centralia
V. Pres. Martin Beck..... "
Sec. & Treas. Max Prill..... "
Gen. Mgr. Max H. Prill..... "
Energy purchased from Centralia Gas & Elec. Co.
3.5 miles; 4-8½ g; 6 motor and 2 other cars. 127

CHAMPAIGN. 12,421.

170—Urbana & Champaign Ry., Gas & Elec. Co.—(Connects Champaign & Urbana.) (Controlled by Danville, Champaign and Decatur Ry. & Lt. Co. and is part of Illinois Trac. System.)
Pres. Wm. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. Chas. Zilly.....Champaign
Treas. Geo. M. Mattis..... "
Audr. Chas. E. Cox..... "
Gen. Supt. H. J. Pepper..... "
Cl. Agt. G. R. Whittemore.....Peoria
Pur. Agt. H. J. Vance..... "
Elec. Engr. J. D. McKee.....Champaign
Ch. Engr. Pwr. Sta.
Fred. Heimlicker..... "
M. M., John Key..... "
Roadmaster, Wm. Casey..... "
Power sta. equip. 2 d. c. Bull., G. E. tot. 1000 kw; 3 a. c. West, Allis-C., G. E. tot. 3040 kw. 2300 v. 3 ph. 60 cys; 4500 hp. e. Fulton, Rus., Allis-C; 4000 hp. b. Bab. & W. Oil City; 1575 kw. turb. (stm.) G. E, West; trans. volt. 15,000 v; trolley volt. 600 v.
Pwr. sta. and repair shops at N. Hickory St.
12.5 miles; 4-8½ g; 15 motor and 4 other cars. Co. does general ltg. & pwr. business. ★127

CHARLESTON. 5,884.

(See also Nos. 223 and 224.)

171—Central Illinois Public Service Co.—See Mattoon, Ill.
Trolley volt. 575 v.; repair shops Mattoon.
Reaches Fair Grounds and Chautauqua Park.
1.75 miles; 4-8½ g; 2 motor cars. 127

CHICAGO. 2,450,000. (1913.)

(See also Nos. 194, 207, 217, 237, 246, 283, 556, 698 and 1062.)

172—Calumet & South Chicago Ry. Co.—Office, Borland Bldg., 105 So. La Salle St. (Operated by Chicago Surface Lines.) (Connects Chicago, Ill., with Hammond, Whiting and East Chicago, Ind., via the H. W. & E. C. Ry.)
Pres. Leonard A. Busby.....Chicago
V. Pres. W. W. Crawford..... "
Sec. & Treas. F. D. Hoffmann... "
Audr. Jno. J. Duck..... "
Energy purchased from Commonwealth Edison Co; trans. volt. 6600 v; trolley volt. 550 v.
Sub-stas. at 77th St. & So. Chgo. Ave. (2-1000 kw. rotaries); 93d St. & So. Chgo. Ave. (3-1000 kw. rotaries) and 109th St. and Michigan Ave. (2-1000 kw. rotaries); tot. cap. 7000 kw.
Reaches Jackson and Calumet Parks, So. Chicago Ball Park, Chicago and Douglas Parks in Hammond, Manhattan Beach on Lake Michigan and White City.
122.63 miles; 4-8½ g.; 56 motor cars. (Company sells energy.) ★127

173—Chicago City Ry. Co.—Office, Borland Bldg., 105 So. La Salle St. (System covers South Side lines. Operated by Chicago Surface Lines.)
Chmn. Ex. Comm. & Pres.
Leonard A. Busby.....Chicago

V. Pres. & Ch. Engr.
H. B. Fleming.....Chicago
Sec. & Treas. F. D. Hoffmann.. "
Audr. Jno. J. Duck..... "

Purchases energy from Commonwealth Edison Co.; trans. volt. 9000 v; trolley volt. 550 v.

Sub-stas. at 20th & Dearborn Sts. (2-1000 kw. and 5-2000 kw. rotaries); 63rd St. & Wentworth Ave. (3-1000 kw. and 4-2000 kw. rotaries); 42nd St. & Wabash Ave. (5-2000 kw. rotaries); 48th & Honore Sts. (4-2000 kw. rotaries); 32nd & Halsted Sts. (2-4000 kw. rotaries); 44nd St. & Kedzie Ave. (1-4000 kw. rotary) and Plymouth Ct. & Van Buren St. (2-1200 kw. rotaries); tot. cap. 55,400 kw; has 3,275 kw. cap. in storage batteries.

Repair shops at 78th St. & Vincennes Ave.

Reaches Jackson, Washington, Marquette, McKinley, Sherman, Ogden & Hamilton City Parks, White City, Edelweiss Gardens (amusements); American League and other base ball parks and various beaches along Lake Michigan.

328.47 miles (including Southern St. Ry. Co.); 4-8½ g; 1180 motor cars.

127

174—Chicago & Interurban Trac. Co.—Office, 88th St. and Vincennes Ave. (Connects Chicago at 63rd St., with Blue Island, Harvey, Franklin, Glenwood, Chicago Hgts., Steger, Crete, Monee, Peotone, Manteno, Tucker, Bradley and Kankakee.)

Pres. O. G. Talmadge.....Chicago
Sec. & Treas. W. W. Crawford
914 Borland Bldg., "
Audr. W. W. Hill
914 Borland Bldg., "
Claim Agt. Chas. Oldenburg..... "
Pur. Agt. G. S. White..... "
Elec. Engr. R. J. Bell..... "
M. M., E. P. Doyle..... "

Energy purchased from Public Service Co. of Northern Illinois; trans. volt. 33,000 v; trolley volt. 600 v; repair shops at 88th St. and Vincennes Ave.

Reaches Calumet Grove and Parks at Blue Island and Kankakee, Oakdell and Electric Parks.

52.67 miles; 4-8½ g; 26 motor and 3 other cars. (Company does lighting.)

★127

175—Chicago, Milwaukee & St. Paul Ry. Co. (Rocky Mountain & Missoula Divisions.)—Offices, Railway Exchange Bldg., Chicago; 42 Broadway, New York, N.Y., and White Bldg., Seattle, Wash. (Electric zone includes four mountain divisions in Montana and Idaho as follows: Harlowton to Three Forks, Three Forks to Deer Lodge, Deer Lodge to Alberton and Alberton to Avery, Idaho, a total route mileage of 437.6.)

Pres. H. E. Byram.....Chicago
V. Prests. { *C. A. Goodnow..Seattle, Wash.
H. R. Williams..New York, N.Y.
H. B. Earling.....Seattle, Wash.
Sec. E. W. Adams, Majestic Bldg., Milwaukee, Wis.
Treas. F. G. Ranney.....Chicago
Gen. Audr. G. J. Bunting ..... "
Gen. Supt. W. B. Foster...Seattle, Wash.
Cl. Agt. F. M. Adams..... " "
Gen. Fgt. Agt.
F. D. Burroughs.....Seattle, Wash.
Pur. Agt. W. A. Linn.....Chicago
Ch. Engr. C. F. Loweth..... "
Elec. Engr. R. Beeuwkes
305 O-W Pass. Sta., Seattle, Wash.
Supt. Elec. Constr. F. B. Walker " "
Engr. Ovhd. Constr. R. Wade, " "
Signal Engr. J. C. Mill..Milwaukee, Wis.
Div. Supt.
J. J. Murphy.....Three Forks, Mont.

Road-masters { Rocky Mtn. Div. (East Sub-Div.) J. B. Fitzgerald, Three Forks, Mont.
Rocky Mtn. Div. (West Sub-Div.) George Nick, Deer Lodge, Mont.
Missoula Div. (East Sub-Div.) O. Miller...Deer Lodge, Mont.
Missoula Div. (West Sub-Div.) H. M. Grimes..Alberton, Mont.

M. M. (In Charge Maint. of Elec. Locos.) E. Sears .....Deer Lodge, Mont.

Energy purchased from the Montana Power Co; sub-station equip: 32 d. c. motor-gen. G. E. tot. 59,500 kw; trans. volt. 100,000 v; trolley volt. 3000 v. d. c.

Substations at Two Dot, Summit, Josephine, Eustis, Piedmont, Janney, Moril, Goldcreek, Ravenna, Primrose, Tarkio, Drexel, East Portal and Avery; repair shops at Deer Lodge, Mont.

579.6 miles; 4-8½ g; 30 freight, 12 passenger and 2 electric switch locos. (Electrification of the Cascade Min. Div. from Othello to Seattle and Tacoma, a distance of 217 miles, in course of construction; will be completed and in operation latter part of 1918.) ★117j

176—Chicago & Oak Park Elevated R. R. Co.—Office, 1234 Edison Bldg. (Controlled by the Northwestern Elevated R. R. Co., which in turn is controlled by the Chicago Elevated Rys.)

Receiver, Samuel Insull.....Chicago
Ch. Executive for Receiver,
B. I. Budd..... "
Agt. for Receiver, W. V. Griffin.. "
Gen. Atty. A. L. Gardner..... "
Audr. A. G. Nelson..... "
Gen. Mgr. E. C. Noe..... "
Gen. Supt. of Transpt.
M. J. Feron..... "
Supt. of Transpt. H. G. Hardin.. "
Gen. Agt. C. E. Patten..... "
Pur. Agt. E. E. Kretschmer..... "
Ch. Engr. C. M. Mock..... "
Elecl. Engr. E. J. Blair..... "
Engr. M. of W., B. J. Fallon.... "
M. M., H. A. Johnson..... "

Energy purchased from Commonwealth Edison Co; repair shop at 1922 W. Lake St.

22.51 miles (elev. & surface); 4-8½ g; 64 motor, 122 trail and 4 other cars.

127

177—Chicago Railways Co.—Office, Borland Bldg., 105 So. La Salle St. (System covers North and West Side lines. Operated by Chicago Surface Lines.)

Chmn. Bd. & Pres. Henry A. Blair Chicago
V. Prests. { John E. Wilkie..... "
Seymour Morris..... "
Sec. Frank L. Hupp..... "
Treas. M. B. Orde..... "
Audr. Arthur Young & Co..... "

Energy purchased from Commonwealth Edison Co. 9600 v. 3 ph. 25 cys.

Sub-stas. at Van Buren & Jefferson Sts. (6-2000 kw. rotaries); Milwaukee Ave. & Cleaver St. (3-2000 kw. rotaries); Lill & Wrightwood Aves. (3-2000 kw. and 1-3000 kw. rotaries); Blue Island Ave. & Leavitt St. (3-2000 kw. rotaries); Grand & Crawford Aves. (3-2000 kw. rotaries); Illinois & La Salle Sts. (3-2000 kw. & 1-3000 kw. rotaries); B'way & Ardmore Ave. (2-2000 kw. rotaries); Campbell Ave. & Homer St. (2-4000 kw. rotaries); Western Ave. & Washington Blvd. (3-4000 kw. rotaries) and Crawford & Milwaukee Aves. (2-4000 kw. rotaries); tot. cap. 80,000 kw.

Car shops at 40th & West End Aves.

Reaches Riverview, Lincoln, Douglas, Garfield, Humboldt and Union Parks.

580.65 miles; 4-8½ g; 1949 motor cars.

127

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178—Chicago Surface Lines.—Office, Borland Bldg., 105 So. La Salle

St. (Unified organization operating the Chicago Rys. Co., Chicago City Ry. Co., Calumet & South Chicago Ry. and Southern Street Ry. Co.)
Chmn. Bd. of Operation, Henry A. Blair ..... Chicago
Chmn. Exec. Comm. & Pres. Leonard A. Busby ..... "
Asst. to Pres. John E. Wilkie .... "
*Sec. & Asst. Treas. F. D. Hoffmann "
Asst. Sec. Frank L. Hupp ..... "
Treas. M. B. Orde ..... "
Gen. Counsel. W. W. Gurley Marquette Bldg. "
Gen. Atty. (Litigated cases) J. R. Guilliams 600 Washington Blvd. .... "
Gen. Audr. John J. Duck "
Supt. Transpt. W. M. Weatherwax "
Supt. of Lines & Transmn. R. M. Patterson ..... "
Gen. Claim Agt. Frank J. Gatrell "
Pur. Agt. F. C. Evans "
Ch. Engr. H. B. Fleming "
Elec. Engr. J. Z. Murphy ..... "
Elec. Engr. of Distrbn. A. J. Klatte ..... "
Supt. Shops & Equipt. H. H. Adams ..... "

127

179—Chicago Tunnel Co.—Chicago Warehouse & Terminal Co. (operated jointly). Office, 754 W. Jackson Blvd. (Transfers freight from the different railroad terminals in Chicago.) (Owned by Chicago Utilities Co.)
Pres. S. W. Tracy ..... Chicago
V. Pres. ——— ———
Sec. & Treas. J. C. Payton ..... "
Audr. L. J. Gundlach ..... "
Supt. W. E. Worth ..... "
Pur. Agt. D. Bonner ..... "
Ch. Engr. A. Slade ..... "
M. M., C. Welhofen ..... "
Engr. M. of W., F. W. Knowles.. "
Energy purchased from Commonwealth Edison Co.; trans. volt. 250 v.
Repair shops, 746 W. Jackson Blvd.
61 miles; narrow gauge (24 inches); 132 motor cars and 3,000 other cars. 127

180—Chicago & West Towns Ry. Co.—Office, Lake St. & Cuyler Ave., Oak Park. (Successor to County Trac. Co. The Evanston lines of the County Trac. Co. were purchased by the Evanston Ry. Co.) (Controls the Suburban R. R. Co.) (Connects Oak Park, River Forest, Maywood, Melrose, Cicero, Berwyn, Riverside, Lyons, La Grange, Hollewood and Forest Park.)
Pres. Willard McEwen Tribune Bldg., Chicago
Sec. & Treas. C. N. Hebner ..... Oak Park
*Gen. Mgr. & Pur. Agt. F. L. Butler ..... "
Supt. J. Whitsell ..... "
Claim Agt. B. Collette ..... "
Ch. Engr. Pwr. Sta. J. Olsen... "
M. M., P. S. Woodward ..... "
Engr. M. of W., R. S. Downs... Oak Park
Engr. Ovhd. Constr. O. B. M. Tompkins ..... "
Power sta. equip. 6 d. c. S. & H. Walker, tot. 3250 kw; 3250 hp. e. Allis-C; 3300 hp. b. Stir. C. & Z; trolley volt. 550 v.
Power sta. Oak Park. Proviso Township; repair shops at Oak Park.
Reaches Forest Park.
70 miles; 4-8½ g; 50 motor cars and 30 other cars. ★127

181—Elgin & Belvidere Elec. Co.—Executive office, 105 South La Salle St. (Connects Elgin, Marengo and Belvidere.)
Pres. & Gen. Mgr. B. J. Arnold ..... Chicago
Sec. & Treas. R. G. Arnold ..... "
Audr. & Pur. Agt. W. F. Gamble "
Actg. Supt. W. J. Fillmore ..... Marengo
Energy purchased from Aurora, Elgin & Chicago R. R. Co.; trans. volt. 26,400 v; trolley volt. 650 v; 3 d. c. G.E. tot. 900 kw; repair shops at Marengo.
Reaches Kishwaukee Park.
36.4 miles; 4-8½ g; 11 cars. ★127

182 — Hammond, Whiting & E. Chicago Ry.—Office, Borland Bldg., Chicago, Ill. (Succes-or to the Hammond, Whiting & E. Chicago Elec. Ry. Extends from State Line to Whiting, E. Chicago, Indiana Harbor and Hammond and enters Chicago over the tracks of the Calumet & So. Chicago Ry. Co.)
Pres. O. G. Talmadge 88th St. & Vincennes Ave, Chicago
V. Pres. Chas. Lawrence " "
Sec. & Treas. F. D. Hoffmann..Borland Bldg. "
Audr. W. W. Hill... " " "
Energy purchased from Calumet & South Chicago Ry. Co.; repair shops, Hammond, Ind.
Reaches Ball Park, Chicago; Douglas Park, Hammond and Manhattan Beach on Lake Michigan.
32.58 miles; 4-8½ g; 18 motor and 11 other cars. ★127

183—Kensington & Eastern R. R. Co.—Office, East 11th Place, Chicago. (Connects Ill. Central R.R. at Pullman, Ill., with Chicago, Lake Shore & South Bend Ry. at Hammond, Ind.) (Stock held jointly by the Illinois Central R.R. Co. and The Chicago, Lake Shore & South Bend Ry. and operated under perpetual lease by the latter company.)
Pres. C. H. Markham ..... Chicago
V. Pres. W. L. Park ..... "
Sec. Burt A. Beck ..... "
Treas. O. F. Nau ..... "
Pur. Agt. A. C. Mann ..... "
Ch. Engr. A. S. Baldwin ..... "
13.69 miles; 4-8½ g. 127

184—Metropolitan West Side Elevated Ry. Co.—Office, 1247 Edison Bldg. (Controls Union Consolidated Elevated Ry. Co., and in turn is controlled by Chicago Elevated Rys.) (Connects Chicago, Austin, Forest Park and Oak Park.)
Chmn. Samuel Insull ..... Chicago
Pres. B. I. Budd ..... "
Sec. & Treas. W. V. Griffin ..... "
Audr. T. B. Mac Rae ..... "
Gen. Atty. A. L. Gardner ..... "
Gen. Mgr. E. C. Noe ..... "
Asst. Gen. Mgr. G. T. Seely ..... "
Pur. Agt. E. E. Kretschmer ..... "
Gen. Supt. Transpt. M. J. Feron.. "
Ch. Engr. C. M. Mock ..... "
Elec. Engr. E. J. Blair ..... "
M. M., H. A. Johnson ..... Chicago
Gen. Agt. C. E. Patten ..... "
Engr. M. of W., B. J. Fallon ..... "
Energy purchased from Commonwealth Edison Co.: (third rail) volt. 600 v.
Repair shop, 417 Throop St.
59.59 miles (elev.); 4-8½ g; 286 motor, 288 coaches, 15 miscel. cars. 127

185—Northwestern Elevated R. R. Co.—Office, 1247 Edison Bldg. (Owns Union Elevated R. R.; controls Chicago & Oak Park Elev. R. R. Co. and is in turn controlled by Chicago Elevated Rys.)
Chmn. Samuel Insull ..... Chicago
Pres. B. I. Budd ..... "
Sec. & Treas. W. V. Griffin ..... "
Audr. T. B. MacRae ..... "
Gen. Mgr. E. C. Noe ..... "
Asst. Gen. Mgr. G. T. Seely ..... "
Pur. Agt. E. E. Kretschmer ..... "
Gen. Supt. Transpt. M. J. Feron "
Supt. Transpt. E. F. Schaaf ..... "
Gen. Agt. C. E. Patten ..... "
M. M., H. A. Johnson ..... "

Ch. Engr. C. M. Mock.....Chicago
Engr. M. of W., B. J. Fallon..... "
Elec. Engr. E. J. Blair..... "
Energy purchased from Commonwealth Edison Co.
57.28 miles (elev.); 230 motor cars, 202 coaches, 4 miscel. cars. 127

186—Southern St. Ry. Co.—Office, Borland Bldg., 105 So. La Salle St. (Operated by Chicago Surface Lines.)
Pres. Leonard A. Busby.....Chicago
V. Pres. W. W. Crawford..... "
Sec. & Treas. F. D. Hoffmann... "
Audr. Jno. J. Duck..... "
Mileage and equipment included in report of Chicago City Ry. Co. 127

187—South Side Elevated R.R. Co.—Office, 1247 Edison Building. (Controlled by Chicago Elevated Rys.)
Chmn. Samuel Insull.....Chicago
Pres. B. I. Budd..... "
Sec. & Treas. W. V. Griffin..... "
Audr. T. B. MacRae..... "
Gen. Mgr. E. C. Noe..... "
Asst. Gen. Mgr G. T. Seely..... "
Pur. Agt. E. E. Kretschmer..... "
Storekeeper P. F. McCall..... "
Gen. Supt. Transpt. M. J. Feron.. "
Supt. Transpt. J. M. Feldhake.... "
Gen. Agt. C. E. Patten..... "
M. M., H. A. Johnson..... "
Ch. Engr. C. M. Mock..... "
Engr. M. of W., B. J. Fallon..... "
Elec. Engr. E. J. Blair..... "
Energy purchased from Commonwealth Edison Co.
Repair shops, 61st St., and Calumet Ave. 46.16 miles (elev. 3d rail); 4-8½ g.; 430 motor cars, 52 coaches, 14 miscel. 127

188—Union Consolidated Elevated Ry. Co.—(Connects Metropolitan West Side Elevated Ry. system with Union Loop system.) (Controlled by the Metropolitan West Side Elev. Ry. Co.)
Pres. Samuel Insull.....Chicago
V. Pres. Gilbert E. Porter..... "
Sec. & Treas. W. V. Griffin..... "
0.37 miles (included in mileage of Metropolitan W. S. Elev. Ry.). 127

188a—American Public Service Co.—Gen. office, Rm. 1500-72 W. Adams St. (Controls, through stock ownership, Abilene Gas & Elec. Co., Abilene Ice Co., Abilene Wtr. Co., Cisco Gas & Elec. Co., Cisco Ice Co., Marshall Elec. Co., Marshall Trac. Co., Marshall Ice Co., Longview Ice & Light Co., Baird Light & Ice Co. Jefferson Ice & Lt. Co., Stamford Gas & Elec. Co., and Hamlin Lt., Pwr. & Ice Co. all of Texas; Hugo Ice & Lt. Co., Henryetta Electric Lt. Co., Henryetta Ice & Cold Storage Co., Okmulgee Ice & Lt. Co. and Kusa Ice, Lt. & Pwr. Co., all of Okla.)
Pres. Saml. Insull
72 W. Adams St., Chicago, Ill.
V. Prests. Martin J. Insull " " "
Fred W. Insull.....Tulsa, Okla.
Sec. Edw. J. Doyle
72 W. Adams St., Chicago, Ill.
Treas. R. W. Waite..... " "
*Asst. Sec. Oliver E. McCormick " "
★18

189—H. M. Byllesby & Co.—Office, 208 So. La Salle St., Chicago. (Control and are operating and managing engineers of the following companies—Standard Gas & Elec. Co., which company controls through stock ownership Oklahoma Gas & Elec. Co. (operating in Oklahoma City, El Reno, Enid and Drumright, Okla.), Muskogee (Okla.) Gas & Elec. Co., Ft. Smith (Ark.) Lt. & Trac. Co., Mobile (Ala.) Elec. Co., Tacoma (Wash.) Gas Co., Ottumwa (Ia.) Ry. & Lt. Co., San Diego (Cal.) Consolidated Gas & Elec. Co., Puget Sound Gas Co. (Everett, Wash.) Southwestern General Gas Co., Ft. Smith, Ark., Tacoma (Wash.) Gas Co. (Elmer Dover, Receiver), Olympia (Wash.) Gas Co., Sapulpa (Okla.) Electric Co., Western States Gas & Elec. Co., Stockton, Eureka and Richmond, Calif., and Arkansas Valley Ry., Lt. & Pwr. Co., Pueblo, Victor, Rocky Ford, La Junta, Canon City and Cripple Creek, Colo.: Mississippi Valley Gas & Elec. Co., which company controls jointly with Standard Gas & Elec. Co. the Louisville Gas & Elec. Co. of Del., which in turn controls Louisville Gas & Elec. Co. of Ky., Kentucky Coke Co. and Kentucky Pipe Line Co.) (Standard Gas & Elec. Co. has large but not controlling interest in the following companies: Northern Idaho & Montana Pwr. Co. (Elmer Dover, Receiver), operating the following properties—Big Fork, Kalispell, Polson, Mont., Sandpoint, Ida., and Newport, Wash., and Oregon Pwr. Co. in Marshfield, Eugene, Albany and Dallas, Ore., Northern States Pwr. Co. of Delaware, holding company for following properties—Minneapolis (Minn.) General Electric Co., and Northern States Pwr. Co. of Minnesota, operating plants in Faribault, Stillwater, Mankato, Cannon Falls, Rapidan, Coon Rapids and St. Paul, Minn., Minot, N. D., and Sioux Falls, S. D., Union Lt., Ht. & Pwr. Co., Fargo, N. D., Interstate Lt. & Pwr. Co., Galena, Ill., and Platteville, Hudson and Somerset, Wis., and Red River Power Co., Red Lake Falls, Minn., and Grand Forks, N. D.)
Pres. H. M. Byllesby.....Chicago
V. Prests. Arthur S. Huey..... "
(Treas.) J. J. O'Brien "
(Ch. Engr.) Otto E. Osthoff "
G. H. Harries..... "
Elmer Dover..Tacoma, Wash.
(Sec.) R. J. Graf.....Chicago
*Gen. Audr. B. W. Lynch..... "
★16

190—Chicago Elevated Rys.—Office, 1127 Edison Bldg., cor. Adams & Clark Sts. (Controls the South Side Elevated R. R. Co., Metropolitan West Side Elevated Ry. Co., and the Northwestern Elevated R. R. Co.)
Trustees Samuel Insull.....Chicago
Samuel McRoberts.... "
William G. Beale..... "
Governing Committee Gilbert E. Porter.. "
Samuel Insull..... "
Wm. A. Fox..... "
John H. Gulick.... "
Britton I. Budd.... "
Executive Committee Samuel Insull..... "
John H. Gulick.... "
Wm. A. Fox..... "
*Sec. W. V. Griffin..... "
Compt. E. A. Brion..... "
127

191—Chicago Utilities Co.—Office, 754 W. Jackson Blvd. (Successor to Chicago Subway Co.) (Owns the Chicago Tunnel Co., Chicago, Warehouse & Terminal Co. and Illinois Telephone & Telegraph Co.)
Pres. S. W. Tracy.....Chicago
V. Pres. ——— ——— ..... "
*Sec. & Treas. J. C. Payton..... "
127

192—Elston & Co.—Office, 39 So. La Salle St. (Owns the Union Utilities Co., a holding company which owns and operates the following properties: Dubuque (Ia.) Electric Co; Vicksburg (Miss.) Lt. & Trac. Co; Northern Iowa Gas & Elec. Co. (Humboldt, Ia.); Lenawee County Gas & Elec. Co. (Adrian, Mich.); St. Charles (Mo.) Ltg. Co. and Indiana Gas Light Co. (Noblesville, Ind.)

Pres. I. C. Elston, Jr.....Chicago
V. Pres. A. C. Allyn..... "
*Sec. & Treas. J. N. McCallum.. "
127

193 — Middle West Utilities Co.—Office, 72 West Adams St., Chicago. (The following is a list of the subsidiary companies: Central Illinois Public Service Co., So. Illinois Ry. & Pwr. Co., Illinois Northern Utilities Co., Central Illinois Utilities Co., Interstate Public Service Co., Central Indiana Ltg. Co., Franklin Wtr. Lt. & Pwr. Co., United Gas & Elec. Co., Louisville & Northern Ry. & Ltg. Co., Louisville & Southern Indiana Trac. Co., New Albany Wtr. Wks., Southern Indiana Pwr. Co., Kentucky Utilities Co., Public Service Co. of Oklahoma, Chickasha Gas & Elec. Co., Missouri Gas & Elec. Service Co., Michigan Gas & Elec. Co., Kentucky Lt. & Pwr. Co., Central Pwr. Co., Citizens Gas Lt. Co., Nebraska City Utilities Co., Twin State Gas & Elec. Co., Electric Transmission Co. of Va., Southern Wisc. Elec. Co., and Tenn. Public Service Co.)
Pres. Samuel Insull.....Chicago
V. Prests. { Martin J. Insull..... " / John F. Gilchrist.... "
Sec. Edward J. Doyle..... "
Asst. Sec. O. E. McCormick..... "
Treas. Robert W. Waite..... "
Gen. Counsel, Bernard Flexner.. "
★127

CHICAGO HEIGHTS. 14,535.

(See also Nos. 174 and 218.)

194—Chicago Heights St. Ry. Co.—Office, 817, 134 So. La Salle St., Chicago.
Pres C. H. Wacker.....Chicago
Sec. Edward D. Adams..... "
*Supt. Claim & Pur. Agt. J. T. Murphy.....Chicago Heights
M. M., Robert Johnson 11th & Wentworth Ave. " "
Trolley volt. 620-650 v.
Repair shops, 11th St. & Wentworth Ave.
6.5 miles; 4-8½ g; 6 motor and 4 other cars. ★127

CICERO. 14,557.

(See No. 180.)

DANVILLE. 27,871.

195—Danville St. Ry. & Lt. Co.—Office, Danville. (Controlled by Danville, Champaign & Decatur Ry. & Lt. Co. and is part of Illinois Traction System.)
Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck...Peoria
V. Pres. Geo. M. Mattis.....Champaign
Sec. T. B. Macaulay.....Montreal, Can.
Pur. Agt. H. J. Vance.....Peoria
Gen. Supt. J. E. Johnson.....Danville
Supt. M. Connor..... "
Ch. Engr. Pwr. Sta. Theo. Tillotson..... "
M. M., O. F. Prior..... "
Power sta. equipt. 1 turbo-gen. G. E. 5000 kva. 2300 v. 60 cys; 1 d. c. G. E. 800 kw; 3 a. c. G. E., Allis-C, tot. 2800 kw. 2300 & 6600 v. 3 ph. 25 & 60 cys; 3 rot. conv. tot. 1600 kw; 1 freq. chgr. 1000 kw; 8500 hp. e. Ham. Allis-C; 5800 hp. b. Stir; trans. volt. 13,200 & 33,000 v; trolley volt. 600 v.
Power sta. and repair shops at Danville.
18 miles; 4-8½ g; 34 motor cars. (Co. does general ltg. and power business.) ★127

DECATUR. 31,140.

196—Decatur Ry. & Lt. Co.—Office, 124 S. Water St. (Controlled by Danville, Champaign & Decatur Ry. & Lt. Co. and is part of Illinois Trac. System, which see for executive officers.)
Audr. C. Erwin.....Decatur
Gen. Mgr. M. L. Harry..... "
Supt. Transp. P. J. Brilley..... "
Pur. Agt. H. J. Vance.....Peoria
Oper. Engr. H. J. Klotz.....Decatur
Ch. Engr. Pwr. Sta. E. P. McCune "
M. M., C. H. Woods..... "
Engr. Ovhd. Constr. W. C. Peplow..... "
Pwr. sta. equip. 2 d. c. Allis-C., G. E. tot. 1200 kw; 3 a. c. Allis-C, West., G. E. tot. 3500 kw. 2300 v. 3 ph. 60 cys; 5750 hp. e. H. O. & R., Allis-C; 4700 hp. b. Bab. & W. Stirling.
Pwr. sta. Edward & Cerro Gordo Sts; repair shops, 500 E. North St.
15 miles; 4-8½ g; 32 motor and 7 other cars. (Company does general ltg. and pwr. business.) 67

DE KALB. 8,102.

197—DeKalb-Sycamore & Interurban Trac. Co.—(Operating the DeKalb-Sycamore Elec. Co.) Office, DeKalb. (Connects DeKalb and Sycamore) (Controlled by the Union Ry., Gas & Elec. Co.)
Pres. B. C. Cobb..... } 14 Wall St.,
1st V. Pres. E. J. Bechtel } New York, N. Y.
2d V. Pres. & Treas. W. C. Sparks Rockford
Sec. W. H. Lemons..... "
Asst. Sec. & Asst. Treas. S. E. Wolff.....New York, N. Y.
Supt. F. Conley.....DeKalb
M. M., C. Laker..... "
Energy from DeKalb-Sycamore Elec. Co.; trans. volt. 4000 v; trolley volt. 550 v.
Repair shops at DeKalb.
7.69 miles; 4-8½ g; 4 motor pass. cars and 2 trail pass. cars; 2 other cars. ★127

DIXON. 7,216.

(See also No. 208.)

198 — Sterling, Dixon & Eastern Elec. Ry. Co.—Office, 421-423 1st St., Dixon. (Operates in Sterling and Dixon and connects these towns.) (Controlled by the Illinois Northern Utilities Co., which in turn is controlled by the Middle West Utilities Co.)
Pres. Samuel Insull 72 W. Adams St., Chicago
V. Pres. E. D. Alexander.....Dixon
Sec. & Treas. John H. Gulick 72 W. Adams St., Chicago
Audr. L. E. Jacobson.....Dixon
Supt. & Gen. Fgt. & Pass. Agt. A. W. Courtyer..... "
Claim Agt. F. M. Smith..... "
Pur. Agt. W. L. Campbell..... "
Roadmaster, Jno. Greeve..... "
Energy from Illinois Northern Utilities Co. at Dixon and Sterling; 2 d. c. G. E. tot. 550 kw; trolley volt. 600 v.
Repair shops at Dixon.
19 miles; 4-8½ g; 10 motor and 3 other cars. ★127

EAST MOLINE. 2,665.

(See No. 225.)

EAST ST. LOUIS. 77,000 (1913).

(See also No. 158.)

199—East St. Louis, Columbia & Waterloo Ry.—Office, 19th and Baker Sts. (Connects St. Louis, Mo., E. St. Louis, Cahokia, Prairie du Pont, Dupo, Columbia and Waterloo, Ill.)
Pres. E. H. Conrades 314 No. 4th St., St. Louis, Mo.
V. Pres., Sec., Treas. & Audr. Wm. F. Gould... " "
*Supt. O. C. Macy.....E. St. Louis
Claim Agt. L. O. Whitnel.... "
Gen. Fgt. & Pass. Agt. & Pur. Agt. W. C. Johnston, 314 No. 4th St., St. Louis, Mo.
Ch. Engr. Baxter L. Brown " "
M. M., Wm. J. Harper.....E. St. Louis

Roadmaster, J. T. McMahon....Columbia
Energy purchased from E. St. Louis & Suburban Ry.; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shops at 19th and Baker Sts., E. St. Louis.
Reaches Burnett's Park at Dupo, Godin's Park at Prairie du Pont, Turner Park at Columbia and Falling Springs (all private).
22 2 miles; 4 8½ g; 5 motor pass. cars and 3 other motor cars; 1 other car.
★127

200—East St. Louis Ry. Co.—Office, 7 Collinsville Ave. (Operates in E. St. Louis.) (Controlled by The East St. Louis & Suburban Co.)
Pres. S. G. McMeen.....Columbus, O.
V. Prests. { L. C. Haynes.....E. St. Louis
(In Charge of Operation)
Harold W. Clapp, Columbus, O.
Sec. & Treas. G. L. Estabrook
321 Chestnut St., Philadelphia, Pa.
Asst. Sec. & Asst. Treas.
T. W. Gregory.....E. St. Louis
Gen. Mgr. D. E. Parsons..... "
Gen. Supt. W. C. Myers..... "
Claim Agt. Trevor C. Neilson "
Gen. Pass. Agt. C. S. Darrach "
Pur. Agt. E. C. Johnston.... "
Supt. Pwr. G. W. Welsh..... "
Supt. W. H. Guyton..... "
Engr. M. of W., H. F. Merker "
Roadmaster, John A. Roach. "
Asst. Supt. Pwr. T. H. Ness. "
Energy purchased from E. St. Louis & Suburban Ry. Co.; trolley volt 600 v.
Reaches Lansdowne Park and Jones Park.
36.05 miles; 4-8½ g; 84 motor and 10 other cars. ★127

201—East St. Louis & Suburban Ry. Co.—Office, 7 Collinsville Ave. (Operates in Belleville and the interurban lines from East St. Louis to Belleville and interurban lines connecting Edwardsville, Collinsville, Caseyville, Lebanon and O'Fallon with East St. Louis.) (Controlled by The St. Louis & Suburban Co.)
Pres. S. G. McMeen,
Huntington Bk. Bldg., Columbus, O
V. Prests. { L. C. Haynes.....E. St. Louis
M. S. Hopkins, 14 No. High St., Columbus, O.
(In Charge of Operation)
Harold W. Clapp, 14 No. High St., Columbus, O.
Sec. & Treas. G. L. Estabrook,
321 Chestnut St., Phila., Pa.
Asst. Sec. & Asst. Treas.
T. W. Gregory.....E. St. Louis
Gen. Mgr. D. E. Parsons..... " "
*Gen. Supt. W. C. Myers..... " "
Claim Agt. Trevor C. Neilson " "
Gen. Pass. Agt. & Supt.
Fgt. Traffic, C. S. Darrach " "
Pur. Agt. E. C. Johnston.... " "
Supt. Pwr. G. W. Welsh..... " "
Supt. City Lines, W. H. Guyton " "
Supt. Inter-Lines, J. A. Peterson " "
Ch. Engr. Pwr. Sta.
F. A. Hurlbut..... " "
Engr. M. of W., H. F. Merker " "
M. M., L. W. Jacques..... " "
Asst. M. M., J. H. McCarron. " "
Roadmaster, John A. Roach. " "
Asst. Supt. Pwr. T. H. Ness. " "
Ch. Train Dispatcher,
G. W. Bullock..... " "
Power sta. equip. 3 d. c. G. E. tot. 3600 kw; 5 a. c. G. E. tot. 7000 kw, 13,200-2300 v, 3 ph, 25-60 cys; 5100 hp. e. Fulton, St. Louis Cor; 7000 hp. b. Heine; 5500 kw. turb. G. E.; trans. volt. 13,200 v; trolley volt. 600 v. Interchange of energy with E. St. Louis Lt. & Pwr. Co.
Power sta. and repair shop at East St. Louis.
Reaches Allens Park and Monks Mound.
74.174 miles; 4-8½ g; 38 motor cars and 10 other cars. (Co. also sells energy to East St. Louis, Columbia & Waterloo Ry., East St. Louis Ry. Co., St. Louis & E. St. Louis Elec. Ry. Co., St. Louis & Belleville Elec. Ry. Co., and Alton, Granite & St. Louis Trac. Co.) ★127

202—St. Louis & Belleville Elec. Ry. Co.—Office, 7 Collinsville Ave. (Operates an electric railway line between E. St. Louis and Belleville handling freight, principally coal.) (The East St. Louis & Suburban Co. towns entire bond issue of this Company.)
Pres. L. C. Haynes.....E. St. Louis
V. Prests. { (In Charge of Operation)
Harold W. Clapp, Columbus, O.
M. W. Schaefer.....Belleville
Sec. & Treas. G. L. Estabrook
321 Chestnut St, Phila., Pa.
Asst. Sec. & Asst. Treas.
T. W. Gregory.....E. St. Louis
Gen. Mgr. D. E. Parsons..... "
Gen. Supt. W. C. Myers..... "
Claim Agt. Trevor C. Neilson "
Supt. Fgt. Traffic
C. S. Darrach..... "
Pur. Agt. E. C. Johnston.... "
Engr. M. of W., H. F. Merker "
Roadmaster, John A. Roach. "
Purchases energy from East St. Louis & Suburban Ry. Co.
17.629 miles; 510 coal cars, 14 work cars, 2 locos. (elec.) ★127

203—St. Louis & East St. Louis Elec. Ry. Co.—Office, 7 Collinsville Ave. (Operates an electric railway between St. Louis, Mo., and E. St. Louis, Ill., via Eads Bridge, under agreement with Terminal R. R. Association of St. Louis.) (Controlled by The East St. Louis & Suburban Co.)
Pres. L. C. Haynes.....E. St. Louis
V. Prests. { (In Charge of Operation)
Harold W Clapp, Columbus, O.
H. B. Collins...St. Louis, Mo.
Sec. & Treas. G. L. Estabrook
321 Chestnut St., Philadelphia, Pa.
Asst. Sec. & Asst. Treas.
T. W. Gregory.....E. St. Louis
Gen. Mgr. D. E. Parsons..... "
Gen. Supt. W. C. Myers..... "
2.48 miles. The East St. Louis Ry. Co., East St. Louis & Suburban Ry. Co. and Alton Granite and St. Louis Trac. Co. operate their cars over this line into St. Louis. ★127

204—Southern Traction Co. of Illinois.—Office, 513 Murphy Bldg. (Will connect E. St. Louis and Belleville. Acquired the Illinois & Indiana Elec. Ry. Co.) (Contract has been made with East St. Louis Interurban Electric Ry. Co., recently organized, to lease to said company about 10 blocks of track in city of E. St. Louis, so that this company can make connection with the Municipal Bridge and operate its cars into city of E. St. Louis.)
Receivers { *Wm. E. Trautmann
John A. Hamilton E. St. Louis
Pres. Frederick Essen.....Clayton, Mo.
Sec. H. C. Regole.....Belleville
Treas. Joseph Dickson, Jr.
3d Nat'l Bank Bldg., St. Louis, Mo.
15 miles. (Under construction, but not yet in operation.) ★127

205—The East St. Louis & Suburban Co.—General Office, Wilmington, Del. (Successor to East St. Louis & Suburban Co.) (Controls through stock ownership the East St. Louis Ry. Co., the East St. Louis & Suburban Ry. Co., the St. Louis & East St. Louis Elec. Ry. Co., the East St. Louis Lt. & Pwr. Co., the Alton, Granite & St.

Louis Traction Co., and the Alton Gas & Elec. Co; owns entire bond issue of the St. Louis & Belleville Elec. Ry. Co. Under management of E. W. Clark & Co. Management Corpn., Philadelphia, Pa., and Columbus, O.)
Pres. C. M. Clark, 321 Chestnut St., Phila., Pa.
V. Pres. H. L. Clark 321 Chestnut St., Phila., Pa.
Sec. G. L. Estabrook 321 Chestnut St., Phila., Pa.
Asst. Sec. C. A. Pearson, Jr. 321 Chestnut St., Phila., Pa.
*Treas. & Asst. Sec. T. W. Gregory.....E. St. Louis
Gen. Mgr. L. C. Haynes..... "
Companies controlled operate 192.518 miles of track. 127

ELGIN. 25,976.
(See Nos. 162 and 181.)

EVANSTON, 24,978.

206—Evanston Ry. Co. Office, Central St. Car Station. (Successor to County Trac. Co's. lines in Evanston. Connects with Chicago Surface Lines.).
Pres. Clement C. Smith..Milwaukee, Wis.
*V. Pres., Gen. Mgr. & Pur. Agt. Chas. F. Speed.....Evanston
Sec. Geo. J. Chaffee....Milwaukee, Wis.
Treas. J. J. Lewis.....Evanston
Audr. Chas. C. Major..... "
Supt. & M. M., M. S. Ferguson. "
Ch. Engr. C. A. Ewing..Milwaukee, Wis.
Energy purchased from Public Service Co. of Northern Illinois; trolley volt. 600 v.
Repair shops, Central St. Car Station.
10 miles; 4-8½ g; 13 motor pass cars. (Sells energy to North Shore & Western Ry. Co.) ★127

207—North Shore & Western Ry. Co. -Office, 15 S. Desplaines St., Chicago. (Operates out of station of Evanston Ry. Co. in Evanston, west, to Glen View Club in Golf.)
Pres. Geo. P. Merrick 69 W. Washington, Chicago
V. Pres. C. H. Poppenhusen Lumber Exch. Bldg., "
*Sec. & Treas. H. R. Hixson..... "
Energy purchased from Evanston Ry. Co.
3.55 miles; 1 car. 127

FARMINGTON. 2,421.
(See No. 167.)

FREEPORT. 17,567.

208—Illinois Northern Utilities Co.—Gen office, Dixon. (In 1916, Freeport Ry. & Lt. Co. and Tri-County Lt. & Pwr. Co. were consolidated with Illinois Northern Utilities Co.) (Owns Pecatonica River Pwr. Co. and operates under lease the Stephenson County Hyd. & Mfg. Co., total 5,250 hp.) (Controls Sterling, Dixon & Eastern Elec. Ry. Co. and is itself a subsidiary of the Middle West Utilities Co.)
Pres. Samuel Insull 72 No. Adams St., Chicago
V. Pres. E. D. Alexander.....Dixon
Sec. & Treas. J. H. Gulick.....Chicago
Audr. L. E. Jacobson.....Dixon
Oper. Supt. P. T. Sealey..... "
Local Supt. L. D. Gray.....Freeport
Claim Agt. F. M. Smith.....Dixon
Pur. Agt. W. L. Campbell..... "
Engr. Pwr. Sta. R. Miller.....Freeport
M. M., F. Hausen..... "
Supt. Dist. R. Greer..... "
Power sta. equip. 2 d. c. Westg. tot. 500 kw; 4 a. c. Westg. G. E. tot. 1550 kw, 2 & 3 ph. 60 cys; 2100 hp.e. Fult. Iron Wks. Allis C. Vll: 1400 hp. b. Bab. & W; 1050 hp. turb. (Wtr.) Lef; 750 kw. Allis C. turbines (steam); trans. volt. 2300 v; trolley volt. 600 v.
Power stas. at Freeport and Goddards Dam (water power); repair shops at Liberty & Spring Sts.
Controls Highland Amusement Park.
9 miles; 4-8½ g; 10 motor and 3 other cars. Company furnishes energy for lighting and power. ★127

GALESBURG. 22,089.

209—Galesburg Ry., Ltg. & Pwr. Co.—Local office, 7 Main St. (Has taken over property of Galesburg Ry. & Lt. Co. and Abingdon Lt. & Pwr. Co.) (Connects Galesburg, Knoxville and E. Galesburg.) (Part of Illinois Traction System.)
Pres. Wm. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. T. B. Macaulay.....Montreal, Can.
Treas. Edward Woodman..Portland, Me.
Asst. Treas. W. H. Carnahan..Champaign
Gen. Audr. B. E. Bramble,... "
Audr. W. J. Achelpohl.....Peoria
Pur. Agt. H. J. Vance..... "
Gen. Supt. R. F. Carley.....Galesburg
Oper. Engr. M. H. Frank..... "
Supt. Ry., C. C. West..... "
Ch. Engr. Pwr. Sta. E. H. Merrill..... "
Power sta. equip. 4 d. c. Bull. G. E. tot. 1450 kw; 3 a. c. Bull. Allis-C. tot. 2000 kw. 2300 v. 3 ph. 60 cys; 2350 hp. e. Ham. Cor. Allis-C; 2015 kw. stm. turb. West, G. E; 6400 hp. b. Stir. Bab. & W.; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. Ferris & West Sts; repair shop at 632 E. Main St.
Owns Highland Park.
20.75 miles: 4-8½ g: 30 motor and 6 trail cars; 1 snow sweeper and 1 work car. Company does general ltg. & pwr. business. ★127

210—People's Traction Co.—Office, 184 E. Simmons St. (Connects Galesburg and Abingdon, Ill.) Part of Illinois Trac. System.
Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck...Peoria
Sec. E. A. Macnutt.....Montreal, Can.
Treas. E. Woodman.....Portland, Me.
Audr. B. E. Bramble.....Champaign
Gen. Supt. R. F. Carley.....Galesburg
Supt. C. C. West..... "
Pur. Agt. H. J. Vance.....Peoria
Energy purchased from Galesburg Ry. Ltg. & Pwr. Co.
Reaches amusement park, leased by company.
12.5 miles; 4-8½ g; 4 motor and 6 other cars. ★127

GALVA. 2,498.
(See No. 221.)

GENOA. 1,257.

211—Woodstock & Sycamore Trac. Co.—Office, Genoa. (Connects Sycamore, Genoa and Marengo.)
Pres. Mary A. Landon.....Genoa
*V. Pres., Gen. Mgr. & Claim Agt. T. E. Ryan.....St. Charles
Sec. George Brown.....Sycamore
Treas. George Buck.....Genoa
M. M., C. W. Boyington..... "
Repair shops at Genoa.
26.5 miles; 4-8½ g: 2 Fairbanks Morse gasoline cars. (Contemplates electrification of line.) 127

GOLF.
(See No. 207.)

HARRISBURG. 10,500.

212—Southern Illinois Ry. & Pwr. Co.—Office, Harrisburg. (Connects Eldorado, Wasson, Muddy, Harrisburg, Dorrisville, Ledford and Carriers Mills.) (Subsidiary of MiddleWest Utilities Co.)
Pres. Marshall E. Sampsell.....Chicago
1st V. Pres. Martin J. Insull..... "
2d V. Pres. & Gen. Mgr. G. W. Hamilton.....Mattoon

*Sec. & Gen. Supt.
C. F. Richardson.....Harrisburg
Treas. C. E. Cripe.....Mattoon
Audr P. A. Erlach..... "
Ch. Engr. Pwr. Sta.
R.R. Tweedy.....Harrisburg
M. M., Ross Schrader..... "
Roadmaster, Jas. Maynard..... "

Power sta. equip. 3 a.c. G. E. Allis-C. turbo gen. tot. 7000 kw. 2300 v. 3 ph. 60 cys; 2712 hp. h. Spgf, Wickes; trans. volt. 33,000 v; trolley volt. 1200 v.

Power sta. and repair shop, Muddy.

15.5 miles; 4-8½ g; 4 motor pass. cars, 2 trail pass. cars and 1 other motor car; 15 other cars. ★127

HIGHWOOD. 1,219.

213—Chicago, North Shore & Milwaukee R. R. (Successor to Chicago & Milwaukee Elec. R.R. Co.)—(Controls Waukegan, Fox Lake & Western Ry., a local line in Waukegan; also operates The Chicago & Milwaukee Elec. Ry., a local line in Milwaukee, Wis. Connects Chicago (Terminal at Evanston), Wilmette, Kenilworth, Winnetka, Glencoe, Highland Park, Highwood, Lake Forest, Lake Bluff, No. Chicago, Waukegan, Zion City, Libertyville and Aera in Illinois; Kenosha, Racine and Milwaukee in Wisconsin.)

Pres. Britton I. Budd
72 W. Adams St.....Chicago
Asst. to Pres. C. E. Thompson..Highwood
V. Pres. R. Floyd Clinch—
Rookery Bldg.....Chicago
Sec. & Treas. W. V. Griffin
72 W. Adams St..... "
Gen. Counsel, Ralph R. Bradley
Rookery Bldg..... "
Gen. Atty. A. L. Gardner
72 W. Adams St..... "
Audr. A. C. Moore.....Highwood
Gen. Supt. M. J. Feron
72 W. Adams St.....Chicago
*Ch. Engr. B. J. Fallon
72 W. Adams St..... "
Local Supts. { C. R. Pettengill..Milwaukee, Wis. / G. T. Hellmuth.....Highwood
Supt. Transpt. J. W. Simons... "
Engr. M. of W. J. S. Hyatt..... "
Elec. Engr. C. Huttleston..... "

Energy purchased from The Milwaukee Elec. Ry. & Lt. Co. and Public Service Co. of Northern Illinois; trans. volt. 16,500 & 33,000 v; trolley volt. 600 v.

Repair shops at Highwood.

Reaches Ravinia Park, near Highland Park, Ill., Ft. Sheridan Park and Electric Park.

160 miles; 4-8½ g; 75 motor cars and 140 other cars. 87

HILLSBORO. 7,321 (1913).

214—Southern Illinois Lt. & Pwr. Co.—Office, 805 Central Nat'l Bank Bldg., St. Louis, Mo. (Absorbed the Hillsboro Ry. Co. and Sangamon Ry. Co.) (Connects Hillsboro, Taylor Springs and Schram City.)

Pres. & Gen. Mgr. J. J. Frey, St. Louis, Mo.
V. Pres. Guy C. Lane.....Hillsboro
*Sec. A. C. Hall.....St. Louis, Mo.
Treas. C. A. Ramsey.....Hillsboro
Audr. M. R. Noack.....St. Louis, Mo.
Gen. Supt. W. F. Corl..... " "
Pur. Agt. W. W. Burton... " "
Local Supt. C. P. Hamlin.... Hillsboro
Ch. Engr. Pwr. Sta. E. L. Root "
Engr. Overhead Constr.
H. F. Blockburger..... "

Power sta. equip. 3 a. c. G. E. tot. 1750 kw. 2300 v. 3 ph. 60 cys; 350 hp. e. Chuse; —— hp. b. Stir; 1500 kw. turb. (stm.) G. E; trolley volt. 600 v.

Power sta., Seward St., Hillsboro.

Repair shops and car barn, Miller St., Hillsboro.

Reaches Ball Park (owned.)

9.5 miles; 4-8½ g; 5 motor and 2 other cars. (Company does a general lighting and power business.) ★127

JACKSONVILLE. 15,326.

215—Jacksonville Ry. & Lt. Co.—Office, 224 So. Main St. (Including Jacksonville Gas & Elec. Co. and Jacksonville St. Ry. Co.) (Part of Illinois Trac. System.)

Pres. Wm. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. E. A. Macnutt.....Montreal, Can.
Treas. Geo. M. Mattis.....Champaign
Audr. W. D. Cole.....Jacksonville
Pur. Agt. H. J. Vance.....Peoria
Gen. Supt. E. H. Gray.....Jacksonville
Ch. Engr. L. O. Williams... "

Pwr. sta. equip. 3 a. c. G. E. tot. 1150 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. West. tot. 550 kw. 500 v; 1615 hp. e. Mc.I & S, St. L, Cor. Ball; 1400 hp. b. Bab. & W, Stir.

Pwr. sta. at Jacksonville.

8 miles; 4-8½ g; 14 motor and 9 other cars. (Co. does general ltg. & pwr. business.) ★127

JERSEYVILLE. 4,118.

(See No. 159.)

JOLIET. 34,670.

(See also No. 229.)

216—Aurora, Plainfield & Joliet Ry.—Office, Joliet. (Connects Aurora, Plainfield and Joliet.)

Pres. F. K. Shrader.....Chicago
V. Pres. Jas. Winston..... "
Sec. & Treas.
C. T. Mac Neill..... "
Audr. Chester G. Moore.....Joliet
*Gen. Mgr. & Pur. Agt.
R. A. Moore..... "
M. M. & Ch. Engr. Pwr. Sta.
E. Keys.....Plainfield

Energy purchased from Public Service Co. of Northern Illinois and Aurora, Elgin & Chicago R. R. Co.; trolley volt. 600 v.

Sub-sta. at Joliet; repair shops at Plainfield.

Reaches Electric Park, Plainfield (owned).

23.25 miles; 4-8½ g; 12 motor cars and 1 other car. ★127

217—Chicago & Joliet Electric Ry. Co.—Office, Ottawa & Clinton Sts. (Includes Joliet R.R.Co., Chicago & Joliet Rapid Transit Co., and controls Chicago and Des Plaines Valley Elec. Ry. Co.) (Connects Chicago, Summit, Lyons, Argo, Willow Springs, Lemont, Lockport and Joliet.) (Controlled by American Rys. Co., Philadelphia, Pa.)

Pres. Van Horn Ely.....Phila., Pa.
V. Prests. { H. J. Crowley..... " / C. L. S. Tingley... "
Sec. & Treas. Walter W. Perkins "
Compt. F. J. Pryor, Jr..... "
Gen. Mgr. J. R. Blackhall..... Joliet
Supt. W. H. Heun..... "
Pur. Agt. G. C Welrick.....Phila., Pa.
Elec. Engr. A. W. Baumgarten.....Joliet
Engr. M. of W., J. B. Tinnon..... "
M. M., G. S. Patterson..... "
Traffic Agt. & Park Mgr.
J. P. MacCulloch..... "

Energy purchased from Public Service Co. of Northern Illinois; 9 a. c. G. E. motor gen. sets. tot. 2000 kw. 3 ph. 60 cys; trans. volt. 15,000 v; trolley volt. 600 v.

Power sta. at Joliet on Drainage Canal (water power): repair shop at Joliet.

Controls Dellwood Park, en route to Lockport.

85.75 miles; 4-8½ g; 81 motor and 8 other cars. Company furnishes power for lighting. ★127

218—Joliet & Eastern Trac. Co.—Office, Joliet. (Connects Chicago Heights, Matteson, Frankfort, New Lenox and Joliet.)

Pres. Joy Morton.....Ry. Ex. Bldg., Chicago

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V. Pres. Robt. Kelly.....Joliet
Sec. E. H. Stearns, Ry. Ex. Bldg., Chicago
Treas. Daniel Peterkin " "
*Gen. Mgr. & Pur. Agt.
F. C. Eckmann.....Joliet
Car Fmn. Ed. Catchfal..... "
Energy from Public Service Co. of Northern Illinois; repair shop at Frankfort.
25 miles; 4-8½ g; 6 motor and 4 other cars. 127

JONESBORO, 1,169.
(See No. 161.)

KANKAKEE. 13,986.

219—Kankakee Elec. Ry. Co.—Office, 8 Court St.
Pres. R. A. McCracken.....Paxton
V. Pres. E. E. Rollins.....Kankakee
Sec. & Treas. E. D. Risser..... "
*Gen. Mgr. & Pur. Agt.
John D. O'Hara..... "
Ch. Engr. G. B. Ritzenthaler.. "
M. M., Frank L. Desens..... "
Power sta. equip. 2 d. c. Westg. tot. 400 kw; 250 hp. e. Erie; 500 hp. b. Erie; trolley volt. 500 v.
Power sta. and repair shops, Greenwood Ave. and Big Four Tracks.
Reaches and owns Electric Park.
12 miles; 4-8½ g; 10 motor pass. cars and 5 trail pass. cars; 3 other motor cars. ★127

220—No. Kankakee Elec. Light & Ry. Co.—Office, Ill. Eastern Trust & Savings Bank Bldg. (Connects Kankakee, Bradley and Bourbonnais.)
Pres. W. W. Bird.....Kankakee
V. Pres. Fred. Mann..... "
Sec. W. F. Beckman..... "
Treas. Henry Beckman..... "
*Gen. Mgr., & Pur. Agt.
C. G Windal.....Bradley
Elec. Engr. Chas. Hutchison..... "
M. M., John McFarland..... "
Energy purchased from Chicago & Southern Trac. Co.; repair shops, Bradley.
Controls Base Ball Park and reaches Fair Grounds.
4.5 miles; 4-8½ g; 7 motor and 4 other cars. 27

KEWANEE. 9,307.

221—Galesburg & Kewanee Elec. Ry. Co.—Office, Kewanee. (Connects Kewanee, Wethersfield and Galva.)
Pres. W. H. Lyman.....Kewanee
V. Pres. J. K. Blish.....Oneida
Sec. F. M. Lay.....Kewanee
Treas. J. H. Baethke..... "
Audr. W. T. Lamb..... "
*Gen. Mgr. & Pur. Agt.
R. H. Hayward..... "
Ch. Engr. Pwr. Sta. H. Pine.... "
M. M., J. I. Parisho..... "
Roadmaster, L. E. Hanson..... "
Power sta. equip. 2 d. c. G. E.. Westg. tot. 600 kw; 1000 hp. e. Bckye; 700 hp. b. Kew; trolley volt. 600 v.
Power sta. and repair shops at Kewanee.
Reaches Windmont Park, Wethersfield. and Terminal Park.
14 miles; 4-8½ g; 12 motor and 6 other cars. ★18

KNOXVILLE. 1,818.
(See No 209.)

LA SALLE. 11,537.
(See No. 229.)

LINCOLN. 10,892

221a—Lincoln Munic. St. Ry.—(In June 1917, city acquired the property of the Lincoln Ry. & Htg. Co. and Lincoln Elec. Ry. Co.)
Mayor, Herman Reetz (Supt. & Pur. Agt.) City Hall
City Treas. Frank Bollin Lincoln Nat'l Bank
*City Clerk H. C. Mathein.....City Hall
Elec. Engr., M. M. & Roadmaster
James T. Price.....410 Clinton St.
Energy purchased from Lincoln Water & Light Co; trans. volt. 2300 v; trolley volt. 550 v.
Repair shops at 410 Clinton St.
Reaches one park.
5 miles; 4-8½ g; 8 motor cars. ★18

MARION. 7,093.

222—Coal Belt Elec. Ry. Co.—Office, % Mo. Pac. R. R., Ry. Exch. Bldg., St. Louis, Mo. (Connects Marion, Fordville, Herrin, Carterville and Energy.)
Pres. J. G. Drew, 611 Olive St., St. Louis, Mo.
V. Pres. A. Robertson..... " "
Sec. F. W. Irland..... " "
Treas. F. M. Hickman..... " "
*Gen. Mgr. J. F. Murphy... " "
Supt. H. H. Berry..... " "
Claim Agt. J. R. Crompton " "
Pur. Agt. C. A. How..... " "
Ch. Engr. E. A. Hadley.... " "
Asst. Supt. O. L. Glass.....Marion
Ch. Engr. Pwr. Sta. A. W. Steele, Energy
M. M., F. W. Gratiot.....Illmo
Engr. M. of W.
A. F. Dorley.....St. Louis, Mo.
Engr. Ovhd. Constr. Geo. Neely...Marion
Power sta. equip. 2 d. c. Westg. tot 600 kw; 1000 hp. e. Westg; 927 hp. b. Heine; trans. and trolley volt. 600 v.
Power sta. and repair shop at Energy.
15 miles; 4-8½ g; 7 motor pass. cars and 1 other motor car. ★127

MATTOON. 11,456.

223—Central Illinois Public Service Co.—Office, Avey Bldg., Mattoon, Ill. (Operates local railway systems at Mattoon, Charleston, Taylorville and Anna.) (Also controls and operates Central Illinois Traction Co., which operates an interurban electric railway between Mattoon and Charleston, and a local street railway line in Paris.) (Subsidiary of the Middle West Utilities Co.)
Pres. Marshall E Sampsell.....Mattoon
V. Pres. G. W. Hamilton..... "
Sec. & Treas. C. E. Cripe..... "
Audr. P. A. Erlach..... "
*Gen. Mgr. B. F. Tucker..... "
Supt. Ry. W. C. Herring..... "
Pur. Agt. D. R. Truax..... "
Elec. Engr. A. W. Mann..... "
Ch. Engr. Phil. Parker..... "
Ch. Engr. Pwr. Sta.
Chris Wilverth..... "
M. M., Morris W. Storms..... "
Roadmaster, M. Jones..... "
Engr. Overhd. Constr.
G. W. Cook..... "
Energy from Electric Utility Division of Central Illinois Public Service Co; trolley volt. 550 v.
Repair shops at Mattoon.
Reaches Lytle Park and Peterson Park owned by city.
2.5 miles; 4-8½ g; 5 motor cars. ★127

224—Central Illinois Trac. Co.—Office, Mattoon. (Operates an interurban line between Mattoon, Loxa and Charleston, and a local line in Paris.) (Controlled and operated by Central Illinois Public Service Co., which see for officers.)
Energy purchased from Central Illinois Public Service Co.; trolley volt. 575 v; repair shops, Mattoon.
Owns Urban Park.
11.06 miles; 4-8½ g; 7 motor and 2 other cars. 127

MOLINE. 24,199.
(See also No. 242.)

225—Moline, Rock Island & Eastern Trac. Co.—(Operates over leased tracks of Tri-City Ry. Co. and connects Watertown, E. Moline, Silvis, Campbell's Island and Moline.) (Controlled by the Tri-City Ry. & Lt. Co.)

Pres. B. J. Denman.....Davenport, Ia.
V. Pres. & Gen. Mgr.
J. G. Huutoon..... "
Sec. & Treas. H. E. Weeks "
Pur. Agt. Geo. G. Kuhn... "
Claim Agt. M. Marcussen.. "
M. M. John Sutherland.... "
Energy purchased from Power Dept. of Tri-City Ry. & Lt. Co; trans. volt. 4400 v; trolley volt. 550 v.
Operates Campbell's Island on Miss. River (275 acres) which is owned by Tri-City Ry. Co. of Illinois.
12.68 miles; 4-8½ g; 26 cars. ★127

MONMOUTH. 9,128.
(See also No. 242.)

226—Rock Island Southern R. R. Co.—Office, Central Trust Bldg., Rock Island. (Connects Monmouth and Galesburg.) (Controlled by Rock Island Southern Ry.)
Pres. E. C. Walsh.....Clinton, Ia.
V. Prest. M. A. Walsh..... " "
Asst. to Pres. E. C. Walsh, Jr. " "
Sec. & Gen. Mgr.
J. W. Walsh..... " "
*Asst. Gen. Mgr. (In charge of Operation, Traffic & Supplies.)
Geo. W. Quackenbush.....Rock Island
Treas. C. H. Walsh.....Burlington, Ia.
Asst. Treasrs. { A. E. Walsh Davenport, " / W. C. Tubbs Monmouth
Audr. John J. Ryan..... "
Gen. Supt. J. Munday..... Rock Island
Claim Agt. G. H. Homrig..... "
Ch. Tariff Bureau F. E. Cleary "
Power sta. equip. 2 d. c. G. E. tot. 800 kw; 1200 hp. e. S. F. & M; 500 hp. b. Frost; trolley volt. 600 v.
Power sta. and repair shops at Cameron.
25 miles: 4-8½ g; 4 motor & 2 other cars; 7 freight cars. ★127

MORRIS. 4,566
(See No. 164.)

MOUND CITY. 2,837.
(See No. 166.)

MURPHYSBORO. 7,485

228—Murphysboro Elec. Ry., Lt., Ht. & Pwr. Co.—Office, 1428½ Walnut St. (Operates in Murphysboro.)
Pres. A. B. Minton.....Murphysboro
V. Pres. (Mrs.) Sallie Logan "
Sec. & Treas. J. G. Hardy... "
*Gen. Mgr. & Pur. Agt.
W. C. Alexander..... "
Supt. J. E Oliver..... "
Energy purchased from Murphysboro Wtr. Wks. & Elec. & Gas Lt. Co.; repair shops at Walnut St.
Reaches three amusement parks (two controlled).
1.5 miles ; 4-8½ g; 3 cars. 126

228a — Murphysboro & Southern Illinois Ry. Co. — (Connects Murphysboro and Carbondale.)
Pres. A. B. Minton.....Murphysboro
V. Pres. (Mrs.) Sallie Logan.. "
Sec. & Treas. J. G. Hardy.. "
Dir. W. C. Alexander..... "
Ch. Engr. R. D. Smith
3rd Natl. Bank Bldg.....St. Louis, Mo.
8 miles. ★18j

OAK PARK. 19,444.
(See No. 180.)

OTTAWA. 9,585.

229 — Chicago, Ottawa & Peoria Ry.—Office, 215 Van Buren St., Joliet. (Connects Peru, Utica, Ottawa, Marsailles, La Salle, Seneca, Morris, Grand Ridge, Streator, Spring Valley, Village of Marquette, Ladd, Rockdale, De Pue, Bureau, Minooka, Joliet and Princeton.) (Part of Illinois Traction System.)
Pres. W. B. McKinley.....Champaign
V. Pres. Exec.
H. E. Chubbuck.....Peoria
Sec. E. A. Macnutt.....Montreal, Que.
Treas. Edw. Woodman.....Portland, Me.
Supvr. Optg. Expenditures
W. J. Achelpohl.....Peoria
Gen. Audr. B. E. Bramble....Champaign
Gen. Supt. F. E. Fisher.....Joliet
Ch. Clerk (Traffic Dept.) A. M. Farrell "
Supt. Transpt. W. W. Waterson..Ottawa
Claim Agt. M. F. Hanley..... "
Pur. Agt. H. J. Vance.....Peoria
Elec. Engr. & M. M.
F. W. Murphy .....Ottawa
Roadmaster, N. Wahl..... "
Engr. Maint. of Way Ed. Coy..... "
Engr. Ovhd. Constr., W. M. Irwin "
Energy purchased from Northern Illinois Lt. & Trac. Co., at La Salle and Marseilles; trans. volt. 33,000 v; trolley volt. 550 v.
Repair shop at Ottawa.
Reaches Starved Rock (State Park) and McKinley Park (owned.)
107 miles; 4-8½ g; 39 motor and 44 other cars. ★127

230—Northern Illinois Lt. & Trac. Co.—Office, Ottawa. (Part of Illinois Traction System.)
Pres. W. B. McKinley.....Champaign
V. Pres. & Gen. Mgr.
H. E. Chubbuck.....Peoria
Sec. E. A. Macnutt.....Montreal, Que.
Treas. Edward Woodman..Portland, Me.
Asst. Treas. W. H. Carnahan.Champaign
Audr. W. J. Achelpohl.....Peoria
Gen. Supt. L. W. Hess.....Ottawa
Pur. Agt. H. J. Vance.....Peoria
Supt. Rys. Enoch Yentzer.....Ottawa
Elec. Engr. & Ch. Engr. Pwr. Sta.
Chas. Hahn..... "
Power sta. equip. 15 a. c. G. E, West, Allis-C tot. 17,252 hp; 2010 hp. e. West, Allis-C, Ham, Cor; 6888 hp. b. Heine, Stir; 11,394 hp. turb. (stm.) G. E; 4143 hp. wtr. wh. Leffel, S. & B; trans. volt. 33,000 v; trolley volt. 600 v.
Power stas. at Marseilles, Ottawa and La Salle.
8 miles; 4-8½ g; 8 motor cars, 2 trailers. (Company does general ltg. & pwr. business.) ★127

PARIS. 7,664.
(See also No. 293.)

231—Central Illinois Traction Co.—For general officers, see Mattoon.
Local Supt. C. E. Enlow.....Paris
M. M , W. V. Driskell..... "
Energy purchased from Central Ill. Public Service Co., trolley volt: 550 v.
Reaches Reservoir Park.
2 miles; 4-8½ g; 6 motor cars. ★127

PAXTON. 2,912.
(See No. 248.)

PEKIN. 9,897.
(See also No. 235.)

232—Pekin City Municipal Railway.—Office, 1231 Summer St.
Comr. of Pub. Prop'ty,
C. F. Gehring.....Pekin
*Supt. O. J. Oltman..... "
Purchases energy from Central Illinois Light Co.
Repair shops at Rosedale.
Reaches Mineral Spring Park (owned by city.)
3 miles; 3 motor cars. 127

PEORIA. 66,950.
(See also No. 1326.)

233 — Illinois Traction System.—Owns and operates the following:
Bloomington, Decatur & Champaign

R. R. operates 98 miles, connecting Bloomington, Decatur and Champaign.

Danville & Eastern Ill. Ry. Co. operates 2 miles in Danville.

Danville & Southeastern Ry. Co. operates 3½ miles of street railway from Danville, southeast.

Danville, Urbana & Champaign Ry. Co operates 61 miles interurban lines connecting Danville, Westville, Ridgefarm, Catlin, Homer, Urbana and Champaign.

Illinois Central Traction Co. operates 46 miles, connecting Decatur and Springfield.

St. Louis, Springfield & Peoria R. R., which on Nov. 1, 1913, purchased property of Springfield & Northeastern Trac. Co., operates 228 miles (2.29 operated under trackage rights), extending from Venice opposite St. Louis northward to Bloomington and Peoria via Springfield, with a branch line from Staunton to Hillsboro.

Atchison (Kans.) Ry., Lt. & Pwr. Co.

Cairo (Ill.) Ry. & Lt. System (inc. Cairo Elec. & Trac. Co. and Cairo & St. Louis Ry. Co.)

Chicago, Ottawa & Peoria Ry. Co., Ottawa.

Citizens' Ltg. Co., La Salle, Ill.

Danville (Ill.) St. Ry. & Lt. Co.

Galesburg (Ill.) Ry., Ltg. & Pwr. Co.

Galva (Ill.) Elec. Lt. Co.

Jefferson City (Mo.) Lt, Ht. & Pwr. Co.

Jefferson City (Mo.) Bridge & Transit Co.

Monticello (Ill.) Elec. Lt. & Pwr. Co.

Consumers' Wtr. & Lt. Co., Marseilles.

New Valley Junction (Ia.) Wtr. & Lt. Co.

North Missouri Lt. & Pwr. Co., New London.

Northern Illinois Lt. & Trac. Co., Ottawa.

Mound City (Ill.) Lt. & Wtr. Co.

Montezuma (Ia.) Elec. Lt., Pwr. & Htg. Co.

Prairie City (Ia.) Elec. Co.

Colfax (Ia.) Elec. Lt. Co.

Clinton (Ill.) Gas & Elec. Co.

Bloomington & Normal Ry. & Light Co.

Omaha & Lincoln Ry. & Lt. Co., Ralston, Neb.

Peoria (Ill.) Railway Co.

Urbana & Champaign Ry. Gas. & Elec. Co.

Decatur Ry. & Lt. Co.

Jacksonville (Ill.) Ry. & Lt. Co. (including Jacksonville Gas & Elec. Co. and Jacksonville St. Ry. Co.)

Quincy (Ill.) Ry. Co.

Topeka (Kan.) Ry. Co.

Oskaloosa (Ia.) Trac. & Lt. Co.

Oskaloosa (Ia.) & Buxton Elec. Ry. Co.

Oskaloosa (Ia.) Lt. & Fuel Co.

People's Trac. Co., Galesburg, Ill.

Wichita (Kans.) R. R. & Lt. Co.

St. Louis (Mo.) Elec. Term. Ry. Co.

Urbana Lt., Ht. & Pwr. Co., electric light and steam heat in Urbana.

Des Moines Elec. Co., electric lighting in Des Moines, Ia.

The Madison County Lt. & Pwr. Co., which does an electric lighting business in Granite City, Venice, Edwardsville and Madison.

Topeka Edison Co., electric light and steam heat in Topeka, Kan.

Owns the Danville, Champaign & Decatur Ry. & Lt. Co., which controls, through stock ownership, the Danville St. Ry. & Lt. Co., Decatur Ry. & Lt. Co., Urbana & Champaign Ry., Gas & Elec. Co. and Urbana Lt., Ht. & Pwr. Co.

Has acquired the Western Rys. & Lt. Co.

Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
V. Pres. & Treas. G. M. Mattis Champaign
Asst. Treas. W. H. Carnahan "
Sec. T. B. Macaulay.....Montreal, Can.
Gen. Audr. B. E. Bramble....Champaign
Compt. J. M. C. Horn.....Champaign
Chief Surgeon, H. M. Bascom, M.D., Peoria
Claims Atty. G. R. Whittemore.... "
Fgt. Claim Agt. J. B. Hardaway... "
Asst. to V. Pres. Exec. E. W. Fowler..... "
Supt. Mot. Pwr. & Equip. J. M. Bosenbury..... "
*Mgr. Pub. & Adv. E. E. Soules.. "
Pur. Agt. H. J. Vance..... "
Ch. Oper. Engr. Eugene Hight..... "
Industrial Agt. W. H. Evans.....Lincoln

INTERURBAN LINES

Asst. Gen. Mgr. C. F. Handshy.....Springfield
Gen. Pass. Agt. W. P. Potter..... "
Gen. Fgt. Agt. C. E. Bode.. "
Supt. Transpt. F. R. Edmonston..... "
Engr. Maint. of Way L. B. Martin..... "
Signal Engr. John Leisenring "

Div. Supts.
M. Connor..... Danville
J. H. Morris.....Mackinaw Jct.
A. S. Bergschneider.....Decatur
E. R. Heiny.....Staunton

CITY PROPERTIES

Asst. Gen. Mgr. Kansas Utilities A. M. Patten.....Topeka, Kans.
Gen. Supt. Bloomington Lines D. W. Snyder.....Bloomington
Gen. Supt. St. Louis Lines, E. D. Bell.....St. Louis, Mo.
Gen. Supt. Galesburg Ry. Lt. & Pwr. Co. R. F. Carley.....Galesburg
Gen. Supt. Quincy Lines W. A. Martin.....Quincy
Gen. Supt. Northern Illinois Lt. & Trac. Co L. W. Hess.....Ottawa
Gen. Supt. Chicago, Ottawa & Peoria Ry. Co. F. E. Fisher..... Joliet
Gen. Supt. Danville St. Ry. & Lt. Co. J. E. Johnson.....Danville
Gen. Supt. Decatur Ry. & Lt. Co. M. L. Harry.....Decatur
Gen. Supt. Peoria Ry. Co. R. W. Bailey.....Peoria
Gen. Supt. Urbana Lt., Ht. & Pwr. Co., J. A. Glover.....Urbana
Gen. Supt. Urbana, Champaign Ry. Gas & Elec. Co. H. J. Pepper....Champaign
Gen. Supt. Jacksonville Ry. & Lt. Co. E. H. Gray.....Jacksonville
Gen. Supt. Clinton Gas & Elec. Co., C. A. Cline.....Clinton
Gen. Supt. Galva Elec. Lt. Co., E. O. Brown.....Galva
Gen. Supt. Atchison Ry. Lt. & Pwr. Co., J. W. Waggoner.....Atchison, Kans.
Gen. Supt. Topeka Edison Co., A. H. Purdy.....Topeka "
Supt. Wichita R. R. & Lt. Co., C. A. Lewis.....Wichita "
Gen. Mgr. Des Moines Elec. Co., M. G. Linn.....Des Moines, Ia.
Gen. Supt. Oskaloosa Trac. & Lt. Co., H. J. Porter.....Oskaloosa, Ia.
Gen. Supt. Cairo Ry. & Lt. System, W. F. Crossley..... Cairo
Gen. Supt. Jefferson City Lt., Ht. & Pwr. Co. and Jefferson City Bridge & Transit Co., R. F. Palmblade..Jefferson City, Mo.
Gen. Supt. No. Missouri Lt. & Pwr. Co. E. D. Bell.....St. Louis, Mo.

PEORIA PLANT—Ch. Engr. H. G. Schwendener. 2 a.c. G. E. tot. 4000 kw. 3 ph. 25 cys; 3200 hp. b. Stir; 8000 hp. turb. G. E.; trans volt. 33,000 v; trolley volt. 650 v.

RIVERTON PLANT—Ch. Engr. N. A. Miner. 3 a. c. G. E. Allis-C. tot. 9,000 kw. 3 ph. 25 cys; 4100 hp. b. Bab. & W; 15,000 hp. turb. G. E. Allis-C; trans. volt. 33,000 v; trolley volt. 650 v.

VENICE PLANT—Ch. Engr. E. S. Forman, 3 a. c. G. E. tot. 9000 kw. 3 ph. 25 cys; 2000 hp. e. H. O. & R; 4800 hp. b. O'Brien, Bab. & W; 10,500 hp. stm. turb. G. E; 5000 kw. freq. chgrs. G. E; trans. volt. 33,000 v. 25 cys. & 60 cys; trolley volt. 650 v.

Power stas. at Champaign, Danville, Bloomington, Peoria, Riverton, Decatur, Urbana, Jacksonville, Edwardsville, Venice, Atchison, Cairo, La Salle, Galesburg, Jefferson City, Marseilles, Ottawa, Clinton, Des Moines, Quincy, Topeka, Oskaloosa. Repair shops at Danville, Venice, Jacksonville, Bloomington, Springfield, Peoria, Granite City, Staunton and Decatur.

Owns West End Park and Ball Park, Champaign and McKinley Park, Ottawa; controls Way Side Park, Tilton, Ill.; reaches Dreamland, Decatur, and Parks at Danville, Peoria, Homer and Bloomington.

596 miles; 4-8½ g; 155 pass cars, 46 loco. and work cars, 910 fgt. cars. ★127

234—Peoria Ry. Co.—Office, 634 S. Adams St. (Connects Peoria, Averyville, E. Peoria and Peoria Heights. Part of Ill. Trac. System.)

Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck.....Peoria
Sec. E. A. Macnutt.....Montreal, Que.
Treas. Geo. M. Mattis.....Champaign
Gen. Audr. B. E. Bramble.... "
Audr. Howard Johnson.....Peoria
Gen. Supt. R. W. Bailey..... "
Claim Adjr. F. D. Fauser..... "
Supt. Peter Brady..... "
Pur. Agt. H. J. Vance..... "
M. M., A. T. Leech..... "
Roadmaster, John Tracy..... "

Energy purchased; trolley volt. 550 v. d. c.

Repair shops, 2009 N. Adams St.

Reaches Al Fresco Park, Lake View Park and upper river resorts.

53 miles; 4-8½ g; 100 motor and 25 other cars. ★127

235—Peoria Ry. Terminal Co.—Office, La Salle St. Sta. (Connects Peoria, Bartonville, So. Bartonville, Hollis and Pekin.)

Pres. W.G. Bierd, Transp Bldg., Chicago
V. Pres. A. C. Ridgway..... "
Sec. & Treas. Geo. H. Crosby.... "
Audr. J. McMahon..... "
*Gen. Mgr., Pur. Agt. & Gen. Fgt. & Pass. Agt. F. J. Easley.....Peoria
Ch. Engr. T. G. Lowry..... "
Ch. Engr. Pwr. Sta. A. M. Scott.....So. Bartonville
M. M., Wm. Hassman.....Peoria
Engr. M. of W., J. Telfer..... "

Power sta. equip. 2 d. c. G. E. tot. 618 kw; 700 hp. e. Bckye; 600 hp. b. Bab. & W; trolley volt. 550 v.

Power sta. and repair shops at So. Bartonville.

35 miles; 4-8½ g; 6 motor and 2 other cars; 52 fgt. cars; 1 sprinkler and 1 snow plow. ★127

236—Western Rys. & Lt. Co.—Office, Peoria. (Subsidiary of Illinois Traction System.)

Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
V. Pres. Geo. F. Duncan...Portland, Me.
Sec. E. A. Macnutt.....Montreal, Can.
Treas. W. H. Carnahan.....Champaign

127

PONTIAC. 6,090.

237—Bloomington, Pontiac & Joliet Ry. Co.—Office, 72 W. Adams St., Chicago. (Connects Pontiac and Dwight.)

Pres. Frank J. Baker.....Chicago
V. Pres. Charles A. Munroe..... "
Sec. & Treas. John H. Gulick...Chicago
Supt. (Mrs.) A. E. Sells.....Pontiac
Local Mgr. V. V. Parshall..... "
*Statistician, S. B. Cushing.....Chicago
M. M., E. W. Clark.....Pontiac

Power sta. equip. 1 a. c. G. E. 250 kw. 3 ph. 60 cys; trolley volt. 600 v. d. c.

Energy purchased from Public Service Co. of Northern Illinois.

Repair shop, Pontiac, Ill.

Reaches Interurban Park.

20.75 miles; 4-8½ g; 4 motor cars and 8 other cars. 127

QUINCY. 40,000 (1912).

238—Quincy Ry. Co.—Office, 1689 Maine St. (Part of Illinois Traction System.)

Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. E. A. Macnutt.....Montreal, Can.
Treas. W. H. Carnahan.....Champaign
Supvr. Optg. Expenditures W. J. Achelpohl.....Peoria
Gen. Audr. B. E. Bramble....Champaign
Pur. Agt. H J. Vance.....Peoria
Gen. Supt. W. A. Martin.....Quincy
Pass. & Claim Agt. J. G. Forsthove..... "
Ch. Engr. & Engr. Pwr. Sta. W. L. Peters..... "
Elec. Engr. & M. M. L. Recksieck..... "
Engr. Maint. of Way & Overhead Constr. J. C. Williams "

Power sta. equip. 3 d. c. G. E. Westg. tot. 1425 kw; 2500 hp. e. T. C., Ham., Ideal; 1264 hp. b. Heine; trolley volt. 600 v.

Power sta. at Front & State Sts.; repair shop, 20th and Hampshire Sts.

Reaches Soldiers' and Sailors' Home, So. Park, Indian Mounds (city), Highland and Baldwin Parks.

28 miles; 5 g; 40 motor and 20 other cars. ★127

ROCKFORD. 45,401.

239—Rockford, Beloit & Janesville R. R. Co.—(Connects Rockford, Ill. and Beloit and Janesville, Wis.) (Controlled by the Rockford & Interurban Ry. Co., which see for officers.)

35 miles; (mileage and equipment included in report of Rockford & Interurban Ry. Co.) 127

240—Rockford & Interurban Ry. Co.—(Controls the Rockford Beloit & Janesville R. R. Co. and Rockford City Trac. Co.) (Connects Freeport Ridott, Pecatonica, Winnebago, Rockford, Cherry Valley, Belvidere, Roscoe, Rockton, Ill. and Beloit and Janesville, Wis.) (Controlled by the Union Ry., Gas & Elec. Co.)

Pres. B. C. Cobb..... } 14 Wall St.,
V. Pres. E. J. Bechtel. } New York, N.Y.
2d V. Pres. T. M. Ellis.....Rockford
V. Pres., Gen. Mgr. & Pur. Agt. W. C. Sparks..... "
Sec. W. H. Lemons..... "
Asst. Sec. & Asst. Treas. S. E. Wolff.....New York, N.Y.
Audr. H. G. Kessler..... " "
Supt. Transpt. C. R. Simcox....Rockford
Pur. Agt. P. B. Nicholson..... "
Safety Agent, S. R. Smith..... "
Gen. Fgt. & Pass. Agt. & Park Mgr. C. C. Shockley..... "
Ch. Engr. Geo. H. Smith..... "
Elect. Engr. Chas. Minnick.... "
M. M., J. N. Graham..... "

Energy purchased from Rockford Elec. Co.; repair shops at Rockford; trans. volt. 13,500 v; trolley volt. 600 v.

Controls Harlem Park.

111.54 miles; 4-8½ g; 81 motor pass. cars, and 26 trail pass. cars; 55 other cars. (Includes mileage and equipment of Rockford, Beloit & Janesville R. R. Co.) Conducts fast express service. ★127

241—Union Ry., Gas & Elec. Co.—Gen. Office, 14 Wall St., New York, N. Y. (Owns all the stock of the Springfield Gas & Elec. Co., Springfield Consol. Rwy. Co., Central Illinois Lt. Co., Public Utilities Co. (Evansville, Ind.) Rockford & Interurban Ry. Co., Janesville (Wis.) Traction Co. and the DeKalb-Sycamore & Interurban Trac. Co.) (Controlled through stock ownership by Commonwealth Pwr., Ry. & Lt. Co.)
Pres. Geo. E. Hardy.....New York, N.Y.
V. Pres. C. M. Clark.....Philadelphia, Pa.
V. Pres. B. C. Cobb.....New York, N. Y.
Sec. & Treas.
Jacob Hekma..... " " "
Asst. Sec. & Asst. Treas.
C. A. Pearson, Jr.....Philadelphia, Pa. 127

ROCK ISLAND. 24,835.
(See also No. 226.)

242—Rock Island Southern Ry. Co.—Office, Central Trust Bldg. (Connects Davenport and Moline, Rock Island, Aledo, Alexis and Monmouth, Illinois; operates Aledo Terminal Ry.) Controls Rock Island Southern Railroad, and is in turn controlled by Mississippi Valley Ry. & Pwr. Co.)
Pres. E. C. Walsh.....Clinton, Ia.
V. Pres. M. A. Walsh ..... "
Asst. to Pres.
E. C. Walsh, Jr..... "
Sec. & Gen. Mgr.
J. W. Walsh..... "
Asst. Gen. Mgr. (In Charge Operation Traffic & Supplies)
George W. Quackenbush..Rock Island
Treas. C. H. Walsh.....Burlington, Ia.
Asst. Treasrs. { A. E. Walsh....Davenport, Ia. / W. C. Tubbs.....Monmouth
Ch. Accountant Geo. Homrig. Rock Island
Gen. Supt. J. Munday..... "
Fgt. Claim Agt. & Ch. Tariff Bureau, F. E. Cleary..... "
M. M. — — — ..... "
Purchases energy from Edwards River Power Co.; trans. volt. 33,000 & 2300 v; trolley volt. 11,000 v.
Sub. sta. and repair shop at Matherville.
81 miles (s. ph. system); 4-8½ g; 8 motor and 250 other cars. (Operates by steam for freight service.) ★127

243 — Tri-City Railway Co. of Illinois—Office, 1800 Third Ave., Rock Island. (Connects Rock Island, Moline, Sears and Milan.) (Controlled by the Tri City Ry. & Lt. Co.) For officers, see Tri-City Railway Co. of Iowa, Davenport.
Energy purchased from Power Dept. of Tri-City Ry. & Lt. Co; trans. volt. 4400 v; trolley volt. 550 v.
Repair Shop, Rock Island.
Owns Watch Tower Park, Rock Island, and Campbell's Island, Watertown.
42.07 miles; 4-8½ g; 80 cars. ★127

244 — Mississippi Valley Ry. & Pwr. Co.—(Holding company, and controls Rock Island Southern Ry. Co., Aledo Terminal Ry., and Edwards River Power Co.)
Pres. J. J. Fleming.....Burlington, Ia.
Sec. M. A. Walsh.....Clinton, Ia.
Treas. Henri C. Morand
115 Broadway, New York, N.Y. 67

SPRINGFIELD. 51,678.
(See also No. 283.)

245—Springfield Consolidated Ry. Co.—Office, 400 East Monroe St., Springfield. (Controlled through stock ownership by the Union Ry., Gas & Elec. Co. which in turn is controlled by Commonwealth Pwr., Ry. & Lt. Co.)
Pres. B. C. Cobb, 14 Wall St., New York, N. Y.
V. Prests. { E. J. Bechtel " " / Gen. Mgr. & Pur. Agt. A. D. Mackie...Springfield / Bluford Wilson "
Sec. E. L. Maxwell..... "
Treas. E. L. Sturtevant..... "
Asst. Sec. & Asst. Treas.
S. E. Wolff .....New York, N. Y.
Andr. George Streckfuss.....Springfield
Gen. Supt. & Cl. Agt.
Joseph O'Hara..... "
M. M. Frank P. McNeil..... "
Roadmaster, G. A. Bengel, Car Barns, So. 6th St., "
Energy purchased from Springfield Gas & Elec. Co.; trolley volt. 550 v.
Repair shops, 6th & Ash Sts.
Reaches White City, Mildred, Lincoln and Washington Parks and Illinois State Fair Grounds.
43.24 miles; 4-8½ g; 85 motor pass. cars and 20 trail pass. cars; 25 other cars. ★127

STERLING. 7,467.
(See No 198.)

STREATOR. 14,253.

246—Illinois Lt. & Trac. Co.—Office, 72 W. Adams St., Chicago.
Pres. Geo. H. Lukes..... Chicago
V. Pres. J. M. Strasser .....Joliet
Sec. & Treas. A. Sandiford..... "
Local Supt. J. M. Willard.....Streator
Statistician, S. B. Cushing.....Chicago
Energy purchased from Public Service Co. of Northern Illinois; trans. volt. 33,000 v; trolley volt. 550 v.
Repair shop Traction Bldg.
Reaches Fair Grounds, Chautauqua Park and Base Ball Park (owned).
6.1 miles; 4-8½ g; 14 cars. 127

SYCAMORE. 3,926.
(See No. 211.)

TAYLOR SPRINGS. 2,000 (1913).
(See No. 214.)

TAYLORVILLE. 5,446.

247—Central Illinois Public Service Co.—For general officers, see Mattoon.
Supt. J. O. Tucker.....Taylorville
Trolley volt. 550 v.
3.709 miles; 4-8½ g; 3 motor cars and 1 other car. 127

URBANA. 8,245.

248 — Kankakee & Urbana Trac. Co.—Office, 106 No. Market St., Urbana. (Connects Urbana (Champaign), Thomasboro, Rantoul, Ludlow and Paxton.)
Pres. & Pur. Agt.
Dr. C. L. Vandoren.....Urbana
V. Pres. & Pur. Agt.
U. G. Fowler..... "
Sec. C. N. Clark..... "
Treas. T. B. Webber..... "
Asst. Treas. J. H. Thornburn..... "
Andr. C. P. Murphy..... "
*Gen. Supt., Claim Agt. &
Ch. Engr. T. W. Shelton..... "
Energy purchased from Illinois Trac. System and Cent. Ill. Utilities Co; trans. volt. 33,000 v. 3 ph. 25 cys; 2 rot. conv. West. tot. 600 kw; trolley volt. 600 v.
Repair shops at Urbana.
Reaches Chanute Field, Government Aviation Field at Rantoul and Wesslund Park, Paxton.
26 miles; 4-8½ g; 3 motor pass. cars, 1 trail pass. car and 1 other motor car; 12 other cars. ★127

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VENICE. 3,718.
(See No. 543.)

WAUKEGAN. 16,069
(See No. 213.)

WHEATON. 3,426.
(See No. 162.)

YORKVILLE. 481.
(See No. 164.)

INDIANA.

ANDERSON. 22,476.

249—Union Trac. Co. of Indiana—Office, Union Bldg., Anderson. (Leases the Muncie, Hartford & Ft. Wayne Ry. Co., Indianapolis, New Castle & Eastern Traction Co. and The Muncie & Portland Trac. Co.; operates city lines in Anderson, Muncie, Marion, Elwood and interurban lines between Indianapolis and Muncie; Muncie and Bluffton; Muncie and Union City; Muncie and Portland; Anderson and Marion; La Fontaine and Wabash; Anderson and Middletown; Alexandria and Tipton; Indianapolis and Logansport; Kokomo and Peru; Indianapolis and Newcastle. Controls the Traction Lt. & Pwr. Co.)
Pres. Arthur W. Brady.....Anderson
V. Pres. Phillip Matter..... "
*Sec. & Treas. W. H. Forse, Jr.. "
Asst. Sec. & Treas. Marshall S. Morgan, Philadelphia, Pa.
Audr. W. Shroyer.....Anderson
Gen. Mgr. H. A. Nicholl ..... "
Actg. Supt. Transpt.
C. S. Keever..... "
Pur. Agt. S. R. Dunbar..... "
Supt. Pwr. G. H. Kelsay..... "
Real Est. & Tax Agt.
C. H. Allen..... "
Gen. Atty. J. A. Van Osdol.... "
Claim Agent, Elmer E. Slick... "
Fgt. Claim Agt. C. O. Balfour.. "
Gen. Pass. & Fgt. Agt.
F. D. Norviel..... "
Div. Fgt. & Pass. Agt.
M. F. Gustin..... "
Div. Frt. & Pass. Agt.
M. E. Graston.....Indianapolis
Supt. Pwr. Plants
Earl E. Jones.....Anderson
Div. Supt. A. G. Snell.....Muncie
Supt. Motive Pwr.
R. N. Hemming.....Anderson
Engr. M. of W., L. A. Mitchell. "

ANDERSON STA. EQUIP. 5 a. c. Westg. tot. 5000 kw. 3 ph. 25 cys; 7500 hp. e. R. & S; 6400 hp. b. Bab. & W; 1 low pressure Parson's turbine 2500 kw; trans. volt. 15,000-30,000 and 26,000 v; trolley volt. 600 v.

EATON STA. EQUIP. 2 a. c. G. E. tot. 1080 kw. 3 ph. 25 cys; 1500 hp. e. Cpr; 900 hp. b. Stir; trans. volt. 15,000 v; trolley volt. 650 v.

NEW CASTLE STA. EQUIP. 2 a. c. G. E. turbo-gen. tot. 3000 kw. 3 ph. 25 cys; 1200 hp. b. Edge; trans. volt. 33,000 v; trolley volt. 650 v.

WINCHESTER STA. EQUIP 2 a. c. Westg. tot. 1000 kw. 3 ph. 25 cys; 1600 hp. e. Bckye; 1200 hp. b. Stir; trans. volt. 15,000 v; trolley volt. 650 v. d. c.

PORTLAND STA. EQUIP. 2 d. c. Westg. tot. 35 kw; 2 a. c. Westg. tot. 600 kw. 3 ph. 25 cys; 600 hp. e. Allis-C; 600 hp. b. A. & T; trans. volt. 33,000 v; trolley volt. 650 v.

Power stas. at Anderson, New Castle, Winchester, Eaton and Portland; repair shops at Anderson, Muncie, Marion, Elwood, Tipton, Winchester and Portland.

Owns Mounds Park, Anderson; West Side Park, Muncie; Broad Ripple Park, Indianapolis; Riverside Park, Eaton.

455 miles; 4-8½ g; 360 cars, of which 225 are electrically equipped. (Includes mileage and equipment of leased lines.) ★18

ANGOLA. 2,610.

250—Indiana Utilities Co.—General office, Angola. (Controls the Lake James R. R. Connects Angola and Lake James.)
*Pres., Mgr. & Pur. Agt.
E. J. Condon.....Angola
V. Pres. I. W. Durfee..... Chicago, Ill.
Sec. & Treas. H. L. Hanley.....Angola
Gen. Supt. R. E. Nihan..... "
Elec. Engr. E. J. Condon, Jr..... "
Ch. Engr. Pwr. Sta.
Carl Weiss..... "
Power sta. equip. 1 d. c. Ft. W. 100 kw; 3 a. c. G. E. tot. 500 kw. 2300 v. 3 ph. 60 cys; 600 hp. e. Bass; 400 hp. b. Stir; trans. volt. 13,200 v; trolley volt. 550 v.
Power sta. and repair shops at Angola. Owns park at Lake James.
3.75 miles; 4-8½ g; 3 motor and 2 other cars (Road operated from Apr. 15th to Oct. 15th only.) (Company does lighting and power business.) 127

BEECH GROVE. 568.

251—Beech Grove Trac. Co.—Office, 1st & Garstang Aves., Beech Grove. (Connects Indianapolis and Beech Grove.)
Receiver, Fletcher Trust & Svgs. Co.....Indianapolis
Pres. John Wocher Aetna Bldg., "
V. Pres. Geo. C. Pattison Aetna Bldg., "
Mgr. for Rcvr. & Pur. Agt.
C. F. Schmidt.....Beech Grove
Treas. M. S. Hawkins.....Portland
Purchases energy from Indpls. Lt. & Ht. Co.; trans. volt. 4100 v; trolley volt. 550 v; repair shops at Beech Grove.
6.3 miles; 4-8½ g; 4 motor cars and 1 other car. ★127

BLUFFTON. 4,987.

(See also No. 270.)

252—Bluffton, Geneva & Celina Trac. Co.—Office, 114½ S. Johnson St., Bluffton. (Connects Geneva, Linn Grove, Vera Cruz and Bluffton.) (On Oct. 13, 1917, property purchased by Thomas Flinn at receiver's sale.)
Pres. H. C. Arnold.....Bluffton
V. Pres. A. G. Briggs.....Geneva
Sec. G. T. Markley.....Bluffton
Treas. Ralph S. Todd..... "
Gen. Mgr. & Audr. James S. Clark "
M. M., Forrest F. Blair..... "
Supt. Geo. A. Redd..... "
Engr. Ovhd. Constr. Ed. E. Lunier "
Energy purchased from Marion & Bluffton Trac. Co.; trans. volt. 22,000; trolley volt. 600 v.
Repair shops, Bluffton.
19 miles; 4-8½ g; 2 motor and 6 other cars. (Co. does a general ltg. business in Linn Grove and Geneva.) ★127j

253—Marion & Bluffton Trac. Co.—Office, 114½ S. Johnson St., Bluffton. (Connects Marion, Hanfield, Landesville, Van Buren, Warren, Liberty Centre and Bluffton.)
Pres. Jas. W. Sale.....Bluffton
V. Pres. Abram Simmons..... "
*Sec., Gen. Mgr., Audr. & Pur. Agt.
James S. Clark.....Bluffton
Treas. J. S Gilliland..... "
Supt. & Engr. M. of W.
Geo. A. Redd..... "
M. M., Forrest F. Blair..... "
Engr. Ovhd. Constr.
Ed. E. Lunier..... "
Energy purchased from Marion Lt. & Htg. Co trans. volt. 22,000 v.; trolley volt. 600 v; repair shops at Bluffton.
Reaches Goldthwaite Park, Marion (owned).
31.84 miles; 4-8½ g; 9 motor and 3 other cars. (Co. does a lighting and power business in Van Buren, Warren and Liberty Centre.) 77

BOONVILLE. 3,964.
(See No. 263.)

BRAZIL. 9,340.
(See No. 293.)

COLUMBUS. 8,813.

254—Central Indiana Lighting Co. Office, 510 Board of Trade, Indianapolis. (Controlled by Interstate Public Service Co. and is a subsidiary of Middle West Utilities Co.)
Pres. Chester P. Wilson.....Indianapolis
V. Pres. J. H. Trunkey..... "
Sec. & Treas. Ira E. Guthrie. "
Supt., L. M. Brown
Irwin's Bk. Bldg. Columbus
Pur. Agt. C. H. Dallow.....Indianapolis
Safety Agt. F. H. Warren.... "
M. M., H. H. Buckman.....New Albany
Engr. M. of W., & Engr. Ovhd.
Constr. W. H. Jennings.....Greenwood
Energy supplied by Indianapolis, Columbus & Southern Traction Co. (Columbus Sub-sta.); trolley volt. 500 v.
5.5 miles; 4-8½ g; 5 motor cars. (Company furnishes energy for lighting and power.) ★127

255 — Indianapolis, Columbus & Southern Trac. Co.—Office, Columbus. (Connects Indianapolis, Southport, Greenwood, Whiteland, Franklin, Amity, Edinburg, Taylorsville, Columbus, Azalia, Reddington and Seymour, with direct connections for Louisville, Ky.) (Operated under lease by the Interstate Public Service Co. which see for operating officials.)
Pres. Wm. G. Irwin.....Columbus
V. Pres. Linnie Irwin Sweeney "
Sec. & Treas. Hugh T. Miller... "
Power sta. equip. 3 d. c. Northn, C-W. tot. 65 kw; 3 a. c. West, Stan, Allis-C. tot. 1800 kw. 370 v. 3 ph. 25 cys; 3000 hp. b. Stirling, Bab. & W; 3300 hp. e. Bckye, Rus; trans. volt. 15,000 v; trolley volt. 625 v.
Power sta. at Edinburg; sub-stas. at Southport, Franklin, Columbus and Reddington; repair shops at Greenwood.
61.86 miles; 4-8½ g; 21 motor and 4 other cars. (Furnishes energy to Central Indiana Lighting Co. of Columbus.) 127

CRAWFORDSVILLE. 9,371.
(See No. 276.)

CROWN POINT. 2,526.

256—Gary & Southern Trac. Co.—Office, Crown Point. (Connects Gary and Crown Pt.)
Pres. O. L. Wildermuth.....Gary
V. Pres. John Brown.....Crown Point
Sec. & Treas. Albert Mauck.. "
Audr. H. A. Davis.....Cleveland, O.
Oper. Mgrs. The Warren-Bicknell Co.
Cleveland, O.
*Supt., Claim & Pur. Agt.,
John G. Tobin.....Crown Point
Purchases energy from Northern Ind. Gas & Elec. Co: trolley volt. 700 v.
Repair shops at Lottaville.
12.5 miles; 4-8½ g; 4 motor cars. 127

DECATUR. 4,471.

257—Fort Wayne & Decatur Trac. Co. — Office, Interurban Sta. (Successor to the Ft. Wayne & Springfield Ry. Co.) (Connects Ft. Wayne and Decatur.)
Pres. Jas. H. Haberly.....Ft. Wayne
Sec. Dick M. Vesey..... "
Treas. G. M. Leslie..... "
Audr. Homer Ruhl.....Decatur
*Gen. Mgr. & Pur. Agt.
Sam W. Greenland.....Ft. Wayne
Gen. Fgt. & Pass. Agt.
J. A. Greenland..... "
Roadmaster, A. M. Henry.....Decatur
Energy purchased; trans. volt. 33,000 v; trolley volt. 1200 v. d. c.
Repair shops at Ft. Wayne.
Reaches Robison Park, Ft. Wayne (owned by Ft. W. & N. I. T. Co.)
21.7 miles; 4-8½ g; 4 motor and 3 other cars. ★127

DUNKIRK. 3,031.
(See No. 289.)

ELKHART. 19,282.
(See also No. 291.)

258—St. Joseph Valley Ry. Co.—General office, La Grange. (Controls the St. Joseph Valley Trac. Co.) (Connects Elkhart, Bristol, Middlebury, Shipshewana, La Grange, Mongo, Orland, Angola and Berlin.)
Pres. H. E. Bucklen.....Chicago, Ill.
1st V. Pres. John W. Fieldhouse..Elkhart
2d V. Pres. H. R. Bucklen...Chicago, Ill.
Sec. J. H. State .....Elkhart
Treas. C. H. Winchester..... "
*Gen. Mgr. M. Blizard.....La Grange
Ch. Engr. G. G. Nichouse.....Angola
M. M., G. P. Paine.....La Grange
Roadmaster, S. J. Kocher..... "
Power sta. equip. 300 kw. rot. G. E.
Purchases energy from Indiana & Michigan Elec. Co.; trolley volt. 600 v.
Repair shops at Elkhart.
9 miles: 4-8½ g; 2 motor cars. (Will extend line to Pioneer.) 17j

ELWOOD. 11,028.
(See No. 249.)

EVANSVILLE. 69,647.

259—Evansville & Eastern Elec. Ry.—Office, 214 Locust St., Evansville. (Connects Newburgh, Yankeetown, Hatfield, Rockport and Grandview; also branch to Richland; connects with Crescent Navigation Co. at Rockport for Owensboro, Ky., and at Grandview for Troy, Tell City and Cannelton, Ind., Lewisport and Hawesville, Ky.) (Controlled and operated by Evansville Rys. Co., which see for operating officials.)
Pres. Wm. H. McCurdy.....Evansville
V. Pres. W. L. Sonntag ..... "
Sec. & Treas. M. S. Sonntag... "
Power sta. equip. 2 a. c. Allis-C, Curtis, G.E. turbo-gen. tot. 1250 kw. 2300 v. 3 ph. 60 cys; 800 hp. b. Bab. & W; trans. volt. 16,500 v; trolley volt 600 v.
Repair shop at Hatfield.
Controls Cypress Beach.
29.5 miles; 4-8½ g; 7 motor pass., 1 motor fgt., 1 motor work, 1 loco., and 85 standard fgt. cars. (Company sells energy.) 127

260 — Evansville, Henderson & Owensboro Ry.—Gen. Office, Evansville. (Operated by Evansville Rys. Co.) (Connects Evansville and Henderson, Ky.)
Pres. Albert F. Karges.....Evansville
V. Pres. Wm. A. Koch ..... "
Sec. & Treas. C. H. Battin..... "
Gen. Mgr Wm. A. Carson..... "
Energy purchased from Evansville Public Utilities Co., Evansville, and Municipal Plant, Henderson, Ky.
Transport cars across Ohio River on a gasoline steel ferryboat.
10.93 miles (trackage rights over 6½ miles of Illinois Central R. R. Co.); 3 motor passenger cars and 1 fgt. car. 127

261 — Evansville & Mt. Vernon Elec. Ry. Co.—Office, 214 Locust St., Evansville. (Connects Evansville and Mt. Vernon.) (Controlled and operated by Evansville Rys. Co. which see for operating officials.)
Pres. Wm. M. Ford.....New Harmony

V. Pres. Jno. M. Funke.....Evansville
Sec. C. H. Battin..... "
Energy purchased from Evansville Public Utilities Co.; trans. volt. 13,200 v; repair shop at Mt. Vernon.
Reaches Buentes Grove (controlled).
20 miles; 4-8½ g; 3 motor passenger cars and 1 freight car. 127

362 — Evansville Rys. Co.—Office, Evansville. (Controls and operates the Evansville & Mt. Vernon Elec. Ry., Evansville & Eastern Elec. Ry. and Evansville Terminal Ry., operating through cars from Mt. Vernon through Evansville to Newburgh, Rockport and Grandview and branch line to Richland. Connects with Crescent Navigation Co. at Rockport for Owensboro, Ky., and at Grandview for Troy, Tell City and Cannelton, Ind., Lewisport and Hawesville, Ky. Leases 10.98 miles of track between Evansville & Henderson, Ky., owned by the Illinois Central R.R., now electrified and leased by Evansville, Henderson & Qwensboro Ry. Co.; also controls Henderson (Ky.) Trac. Co. and Owensboro (Ky.) City R. R. Co.)
Pres. Wm. H. McCurdy..... Evansville
V. Pres. Wm. A. Koch..... "
*V. Pres., Gen. Mgr. & Pur. Agt., Wm. A. Carson..... "
Sec. & Treas. C. H. Battin..... "
Audr. Geo. W. Wilson..... "
Gen. Fgt. & Pass. Agt. C. W. Chapman..... "
M. M. Geo. W. Burke..... "
Supt. Transpt. & Roadmaster, E. L. Moore..... "
Ch. Engr. Pwr. Sta. C. O. Maxwell Hatfield
Reaches Cypress Beach, Atkinson and Buentes Grove Parks.
Total mileage and equipment: 72.43 miles; 4-8½ g; 13 pass., and 3 motor fgt. cars, 1 motor work car, 1 derrick car and 85 stm. fgt. cars, 1 gas. steel ferry boat; 1 portable sub-sta. 127

363—Evansville, Suburban & Newburgh Ry. Co.—Gen. Office, 317 N. 5th St., Evansville, Ind. (Operating elec. pass. service and stm. and elec. fgt. service between Evansville and Newburgh and Evansville and Boonville, Stephenson and Chandler.)
Pres. —— —— .....Evansville
V. Pres. & Treas. Chas. W. Cook..... "
Sec., Gen. Mgr. & Pur. Agt. Gus. Muhlhausen..... "
*Audr. C. H. Hendricks..... "
Supt. Alex. Clinard..... "
Roadmaster, J. G. Castleman. "
Energy purchased from Evansville Public Utilities Co.; trans. volt. 13,000 v; 2-300 kw. rot. conv; trolley volt. 600 v.
Repair shops at Evansville.
Reaches Barnett's Park and Kuebbler's Garden.
24.34 miles; 4-8½ g; 6 motor and 110 other cars; 3 stm. locos. ★18

364 — Evansville Terminal Ry.—(Operates between Evansville and Newburg, connecting with the Evansville and Eastern Elec. Ry. Co. at Newburg.) (Controlled and operated by Evansville Rys. Co., which see for operating officials.)
Pres. A. F. Karges.....Evansville
V. Pres. W. A. Koch..... "
Sec. & Treas. C. H. Battin..... "
Energy purchased from Evansville & Eastern Elec. Ry. Sub-Sta. at Newburgh.
12 miles; 4-8½ g. (E. & E. Elec. Ry. Co's. cars run over Co's. tracks.) 127

365—Public Utilities Co.—Office, Second and Sycamore Sts., Evansville. (Owns Evansville Public Service Co.) (Controlled through stock ownership by Union Ry., Gas & Elec Co., which in turn is controlled by Commonwealth Pwr., Ry. & Lt. Co.) (Connects Evansville, Haubstadt, Ft. Branch, Kings, Princeton and Patoka.)
Pres. B. C. Cobb, 14 Wall St., New York, N. Y.
V. Prests. { W. H. Barthold " " "
Henry W. Marshall.....Lafayette
*Gen. Mgr. F. J. Haas, Evansville
Sec. C. H. Splittorff..... "
Treas. C. E. Oswald..... "
Supt. B. E. Parker..... "
Claim, Fgt. & Pass. Agt. James Rollins..... "
Pur. Agt. J. W. Alvey..... "
Ch. Engr. Pwr. Sts. George E. Sloats..... "
M. M., Alex. Newhouse..... "
Roadmaster, J. J. Geringer.... "
Engr. Ovhd. Constr. L. Mominee "
Power sta. equip. 8 a.c. turbo-gen. G. E, West, Allis-C. tot. 14,500 kw. 4000 v. 3 ph. 60 cys; 4200 hp. b. Bab. & W; trans. volt. 13,500-30,000 v; trolley volt. 600 v.
Power stas. and repair shops at Evansville.
Reaches Oak Summit, Cook's Park, Garvin Park, Cook's Grove and Mesker Park.
68.87 miles; 4-8½ g; 89 motor pass. cars and 11 other motor cars; 1 elec. loco. (Company does general ltg. and pwr. business in Evansville.) ★127

FT. WAYNE. 63,933.

(See also No. 257.)

366—Ft. Wayne & Northern Indiana Trac. Co.—Office 310 W. Main St. (Owns and operates city lines at Ft. Wayne, Wabash, Peru, Logansport and LaFayette; connects Ft. Wayne, Huntington, Andrews, Wabash, Peru, Logansport, LaFayette and Bluffton)
Chmn. of Board, J. Levering Jones
705 Land Title Bldg., Philadelphia, Pa.
Pres. Robert M. Feustel.....Ft. Wayne
V. Pres., Sec. & Treas. H. E. Vordermark..... " .
Asst. Sec. H. J. Alker
705 Land Title Bldg., Philadelphia, Pa.
Audr. F. H. Schmidt.....Ft. Wayne
*Gen. Mgr. Sam W. Greenland..... "
Supt. Transp. J. J. Brennan... "
Local Supts. { C. A. Beamer "
R. W. Levering..Lafayette
R. Howey.....Logansport
Claim Agt. F. R. Fahlsing.....Ft. Wayne
Gen. Pass. & Fgt. Agt. J. A. Greenland..... "
Pur. Agt. F. C. Cour..... "
Elec. Engr. W. S. Richhart.... "
Ch. Engr. Pwr. Sta. W. J. Maxwell Spy Run, Ft. Wayne
Supt. M. of W., H. V. Norford "
Supt. of Motive Pwr. Arthur W. Redderson..... "
Supt. Overhead Constr. H. O'Brien..... "

FORT WAYNE PWR. STA. EQUIP.—2 d. c. G. E. tot. 2000 kw; 6 a.c. Westg, G. E. tot. 19,000 kw. 4000 & 375 v. 3 ph. 25 & 60 cys; 6371 hp. b. Bab. & W, Stir; 19,000 kw. turb. (stm.) G. E, Westg; trans. volt. 33,000-4000 v; trolley volt. 600 v.
Power stas. Spy Run, Ft. Wayne and La Fayette; repair shops, Ft. Wayne, Boyd Park, La Fayette, Huntington and Logansport.
Reaches Robinson Park at Ft. Wayne and Spencer Park, Logansport.
220 miles (139 inter. & 81 city); 4-8½ g; 208 motor and 54 other cars. (Company does general ltg. and pwr. business.) ★127

FRENCH LICK. 1,803.

267—French Lick & West Baden R. R. Co.—(Connects French Lick & W. Baden.)
Pres. Thos. Taggart.....French Lick
Sec. T. D. Taggart..... "
*Supt. W. T. Maygors..... "
Energy purchased from French Lick Springs Hotel Co.
1.09 miles; 4-8½ g; 3 motor cars and 1 other car. 127

GARY. 16,802.

(See also No. 269.)

268—Gary & Interurban R.R. Co.—Office, 567 Broadway, Gary. (Connects La Porte, Chesterton, Valparaiso, Gary, Hammond and East Chicago.) (On Sept. 18, 1917, property sold at receiver's sale as follows: Chicago, So. Bend & Goshen Div. purchased by Philip E. Poe, Baltimore, Md.; Gary City Div. and Hammond Line purchased by Carl M. Owen, New York; Valparaiso Div. including line from Gary to Valparaiso: Gary Connecting Rys. purchased by H. J. Unger, Philadelphia, Pa.; East Chicago Div. including Gary & Indiana Harbor Line purchased by Edwin Poe, Baltimore, Md. The Public Service Commission of Indiana has authorized the discontinuance of service on the Chicago, So. Bend & Goshen Div.)
*Recvr. Chas. D. Davidson.....Gary
Supt. J. G. Phillips..... "
Pur. Agt. H. I. Snyder, 22nd Ave. & Jeff. St., "
M. M., Niles Persons 22nd Ave. & Jeff. St., "
Energy purchased from Calumet Elec. Co. and Northern Indiana Gas & Elec. Co.; 3100 kw. G. E. transf; 3100 kw. G. E. rot. conv; trans. volt. 33,000 v; trolley volt. 600 v.
Repair shops, 22d Ave. and Jefferson St., Gary.
Reaches Valparaiso Lakes.
31.6 miles; 4-8½ g; 42 motor and 11 other cars. ★18 j

GENEVA. 1,140.

(See No. 252.)

GOSHEN. 8,514.

(See No. 291.)

GREENFIELD. 4,448.

(See No. 276.)

HAMMOND. 20,925.

(See Nos. 172, 182 and 268.)

HOBART. 1,753

269—Gary & Hobart Trac. Co. Office 690 Broadway, Gary. (Successor to Gary, Hobart & Eastern Trac. Co.) (Connects Gary and Hobart)
*Pres. & Pur. Agt.
Ora L. Wildermuth....690 B'way, Gary
V. Pres. Wm. Earle..... "
Sec. & Treas. Adlai T. Ewing.....Hobart
Ch. Engr. Orville F. Frazee..... "
Energy purchased from Public Service Co. of Northern Ill.; trolley volt. 600 v. Repair shops at Hobart.
Reaches Lake George Park.
5.5 miles; 4-8½g; 4 motor pass cars and 1 other motor car. ★127

HUNTINGTON. 10,272.

270—The Cincinnati, Bluffton & Chicago Railroad Co.—(On Sept. 24, 1917, sold at receiver's sale and operation suspended.) (Connects Huntington, Simpson, Markle, Uniondale, Murray, Bluffton, Reiffsburg, Petroleum, Nottingham, Fiat, Balbec, Pennville, Walnut Corner and Portland.)
*Receiver, Gen. Mgr., Pur. & Claim Agt. John C. Curtis.....Huntington
Pres. S. H. Bracey Tribune Bldg., Chicago, Ill.
Sec. C. Blackburn..... " "
Audr. M. E. Schoch.. . .....Huntington
Gen. Fgt. & Pass. Agt. John Woodward..... "
Supt. C. V. Cowens.....Bluffton
M. M., M. B. Bumgamer.....Huntington
Roadmaster, Frank Fikel.....Bluffton
Repair shops at Huntington.
58 miles; 4-8½ g; 3 gasoline electric cars and 37 other cars. (Operates by steam for freight service.) ★127

INDIANAPOLIS. 233,650.

(See also Nos. 254, 255, 280 and 290.)

271—Indianapolis & Cincinnati Trac. Co.—Gen. Office, Rushville; executive office, Room 310, Trac. Terminal Bldg., Indianapolis. (The "Shelbyville Division" was formerly owned and operated by the Indianapolis, Shelbyville & Southeastern Trac. Co.) (Connects Indianapolis, Julietta, New Palestine, Reedville, Fountaintown, Morristown, Glenwood, Connersville, Gwynnville, Arlington and Rushville.) (The Shelbyville Div. connects Five Points, New Bethel, Acton, London, Fairland, Shelbyville, Prescott, Waldron, St. Paul, Adams and Greensburg.)
*Pres. & Gen. Mgr.
Chas. L. Henry.....Indianapolis
V. Pres. Theo. F. Rose.....Muncie
Treas. J. F. Wild.....Indianapolis
Audr. Amos Baxter..... "
Claim Adj. W. M. Frazee.....Rushville
Supt. & Ch. Clerk Lewis W. Henry Indianapolis & Rushville
Ch. Engr. Pwr. Sta.
Sam'l Waggoner.....Rushville
M. M. Geo. W. Skipton..... "
Power sta. equip. 4 a. c. — tot. 2000 kw. s. ph. 25 cys; 3000 kw. b. Bab. & W; 2000 kw. stm. turb. G.E; trans. volt. 33,000 v; trolley volt. 3300 v. s. ph. 25 cys. a. c. & 575 v. d. c.
Power sta. and repair shops at Rushville.
107 miles; 4-8½ g; 20 pass. cars and 5 express cars. ★127

272—Indianapolis, New Castle & Eastern Trac. Co.—(Leased to Union Trac. Co. of Indiana, which see for officers and power plant equipment.)
Power sta. at New Castle.
64 miles; 4-8½ g; 8 motor and 2 other cars. 127

273—Indianapolis St. Ry. Co.—(Leased to Indianapolis Traction & Terminal Co.)
Pres. Henry Jameson.....Indianapolis
1st V. Pres. H. S. New..... "
2d V. Pres. Harold J. Hibben.. "
Sec. & Treas.
Joseph A. McGowan..... "
Asst. Sec. & Asst. Treas.
W. F. Milholland..... "
127

274—Indianapolis Traction & Terminal Co.—Office, Traction Terminal Bldg. (Lessee of Indianapolis St. Ry. Co.)
Pres. & Gen. Mgr. Robert I. Todd Indianapolis
V. Prests. { E. B. Peck..... " / J. J. Appel..... " / Marshall S. Morgan "
Sec. & Treas.
W. F. Milholland..... "
Audr. Jos. A. McGowan.... "
Supt. John J. Mahoney..... "
Pur. Agt. R. R. Smith..... "
Supt. Overhead Const.
Edward Heydon..... "

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Claim Agt. Joseph G. Bruce. Indianapolis
Ch. Engr.
Thos. B. McMath..... "
Elec. Engr. & Ch. Engr.
Pwr. Sta. Chas. Hogate... "
M. M., L. M. Clark..... "
Power sta. and repair shop at 1150 W. Washington St.
Controls Fairview Park.
141 miles; 4-8½ g; 533 motor pass cars and 34 other motor cars; 84 other cars.
★127

275—Interstate Public Service Co.—Gen. Office, 510 Board of Trade, Indianapolis. (A subsidiary of the Middle West Utilities Co.) (Controls Central Indiana Lighting Co. of Columbus and operates under lease the Indianapolis, Columbus & Southern Traction Co., which connects Indianapolis, Greenwood, Franklin, Edinburg, Columbus, Seymour, with connections for Louisville, Ky. Also owns and operates electric, gas, heat and water properties throughout the state.)
*Pres. Chester P. Wilson...Indianapolis
V. Pres. Harry Reid.....Louisville, Ky.
Sec. & Treas. Ira E. Guthrie..Indianapolis
Pur. Agt. C. H. Dallow..... "
Supt. L. M. Brown
Irwin's Bk. Bldg., Columbus
Safety Agt. F. H. Warren....Indianapolis
Gen. Fgt. & Pass. Agt.
Bert Weedon..... "
Ch. Engr. Pwr. Sta.
H. C. Bouslog.....Edinburg
M. M., H. H. Buckman.....New Albany
Engr. M. of W. & Engr. Ovhd. Constr.
W. H. Jennings.....Greenwood
★127

276—Terre Haute, Indianapolis & Eastern Traction Co.—Office, Trac. Terminal Bldg., Indianapolis.
Acquired by purchase the following:
Indianapolis Coal Traction Co., connecting Indianapolis, Ben Davis, Bridgeport and Plainfield, 10 miles; extended this line through Cartersburg, Clayton, Amo, Coatsville, Fillmore, Greencastle and Harmony to Brazil, total 52 miles.
Indianapolis & Western Ry. Co., connecting Indianapolis, Holt, Huron, Brickert, Hadley and Danville, 17 miles.
Indianapolis & Eastern Ry. Co., connecting Indianapolis, Cumberland, Philadelphia, Greenfield, Knightstown, Dunreith, Lewisville and Dublin, with branch line from Dunreith through Spiceland to New Castle, 59 miles.
Richmond St. & Interurban Ry. Co., connecting with the Indianapolis & Eastern Ry. Co., at Dublin and extending through the towns of Cambridge City and Centerville to Richmond, with branch line from Cambridge City to Milton; also owns and operates street railway system in Richmond, total 28 miles (15 interurban and 13 city track.)
Leases the following:
Indianapolis & Northwestern Traction Co., connecting Indianapolis, Augusta, Zionsville, Whitestown, Lebanon, Frankforth, Mulberry, Dayton and Lafayette, with branch line from Lebanon to Crawfordsville, 84 miles.
Indianapolis & Martinsville Rapid Transit Co.. connecting Indianapolis, Maywood, Valley Miles, Mooresville, Brooklyn, Bethany and Martinsville, 28 miles.
Indianapolis, Crawfordsville & Danville Elec Ry. Co., connecting Indianapolis, Clermont, Brownsburg, Pittsboro, Lizton, Jamestown, New Ross, Linnsburg and Crawfordsville, 42 miles.
Terre Haute Traction and Light Co. (See Terre Haute.)
Pres. & Gen. Mgr. Robt. I. Todd
Indianapolis
V. Prests. { Marshall S. Morgan Philadelphia, Pa.
E. B. Peck.....Indianapolis
Jno. J. Appel... "
*Sec. & Treas.
Jos. A. McGowan..... "
Asst. Sec. & Asst. Treas.
W. F. Mifholland..... "
Audr. L. T. Hixson..... "
Gen. Supt. G. K. Jeffries.... "
Claim Agt. Wm. Tichenor.. "
Pur. Agt. R. R. Smith..... "
Gen. Pass. & Fgt. Agt.
J. H. Crall..... "
Ch. Engr. T. R. H. Daniels.. "
Supt. Distbrn. & Sub. Sta.
A. Schlesinger..... "
Ch. Engrs. { Charles Hogate "
Pwr. { Edw. Barr.....Lebanon
Stas. { Chas. Gately.....Philadelphia
Wm. Mutchener.....Richmond
Engr. Maint. of Way,
John O'Laughlin.....Indianapolis
Mast. Mechs. { L. M. Clark.. "
J. W. Osborne...Lebanon
C. W. Duncan..Greenfield
Asst. Supts. { O. P. Spillman.....Lebanon
A. J. Boardman.Indianapolis
F. H. Warner.....Greenfield
A. Gordon.....Richmond
Ch. Lineman, H. L. Schaid.....Lebanon

INDIANAPOLIS PLANT—2 a. c. turbo-gen. West. tot. 20,000 kw. 3 ph. 25 cys; 6240 hp. b. Bab. & W; trans. volt 33,000 v; trolley volt. 675 v.

PHILADELPHIA PLANT—2 d. c. West. Bull. tot. 160 kw; 1 a. c. Bull. 1000 kw. 370 v. 3 ph. 25 cys; 2000 hp. e. Ham. Cor; 1500 hp. b. Sterling; 1500 kw. turb. (stm.) West; trans. volt. 13,200 v; trolley volt. 650 v.

RICHMOND PLANT—2 d.c. S. & H. tot. 600 kw; 1000 hp. e. Bckye; 1135 hp. b. Edge, Sterling; trans. volt. 13,200 v; trolley volt. 600 v.

LEBANON PLANT—3 a. c. G. E. tot. 2400 kw. 370 v. 3 ph. 25 cys; 3600 hp. e. Ham. Cor; 3000 hp. b. Sterling; trans. volt. 26,400 v; trolley volt. 650 v.

CRAWFORDSVILLE PLANT—2 a. c. Allis-C tot. 1400 kw. 405 v. 3 ph. 25 cys; 1000 hp. e. Allis-C; 1400 hp. b. Sterling; trans. volt. 33,000 v; trolley volt. 650 v.
Power stations at West Tenth St. & White River Blvd., Indianapolis (Main Sta.), Philadelphia, Richmond, Lebanon and Crawfordsville.
Repair shops at Indianapolis, Greenfield, Richmond and Lebanon.
Reaches Jackson Park and Bethany Park.
Total miles of track owned and operated, 410; 4-8 ½ g; 215 motor pass cars and 16 trail pass. cars; 35 other motor cars; 34 elec. locos.
★127

JEFFERSONVILLE. 10,412.
(See Nos. 285 and 286.)

KENDALLVILLE. 4,981.

277—Ft. Wayne & Northwestern Ry. Co.—Office, Kendallville. (Operates from Ft. Wayne to Garrett, Garrett to Kendallville and Garrett to Waterloo.)
*Pres. & Gen. Mgr.
C. J. Munton.....Kendallville
1st V. Pres. W. L. Taylor
State Life Bldg., Indianapolis, Ind.
2d V. Pres. J. H. Rose.....Ft. Wayne
Sec. & Audr. H. W. Bradtmiller
Kendallville
Treas. & Traffic Mgr.
G. M. Patterson..... "
Ch. Engr. Pwr. Sta. M. J. Ogden "
M. M., J. Hauff..... "
Engr. M. of W., Philip Holman "
Power sta. equip. 2 a. c. G. E. tot. 1600 kw. 3 ph. 25 cys; 1200 hp. b. Stir; 2000 hp. turb. G. E; trans. volt. 33,000 v; trolley volt. 600 v.

Power sta. and repair shop at Kendallville.
41 miles; 4-8½ g; 11 motor and 3 other cars. 127

KOKOMO. 17,010.

278—Indiana Rys. & Lt. Co.—Office, 112-114 E. Sycamore St. (Operates properties formerly known as Kokomo, Marion & Western Trac. Co., Kokomo Public Utilities Co. and Kokomo, Frankfort & Western Trac. Co. consisting of railway lines between Frankfort and Kokomo and Kokomo and Marion, also city lines in Kokomo; co. does general lighting and power business in Kokomo, Michigantown, Forest, Kempton, Hillisburg, Sircleville, Russiaville, Greentown, Swayzee, Converse, Burlington, New London, West Middleton, Middlefork, Sims, Herbst, Amboy, Kirklin, Galveston, Sedalia, Boyleston, Cutler, Rossville, Moran and rural extensions. Also operates a steam heating system in Kokomo.)
Pres. Geo. J. Marett. .....Indianapolis
V. Pres. L. J. Kirkpatrick.....Kokomo
Sec. T. C. McReynolds..... "
Treas. A. R. Holliday.....Indianapolis
*Audr. & Asst. Sec.
Karl A. George.....Kokomo
Asst. Treas., Gen. Supt. & Ch. Engr.
P. H. Palmer..... "
Supt. of Transpt.
I. H. Montgomery..... "
Gen. Fgt. & Pass. & Claim Agt.
C. P. Ryan..... "
Pur. Agt. H. G. Baird ..... "
Elec. & Signal Engr. G. H. Losey "
Ch. Engr. Pwr. Sta. R. H. Hollis "
M. M., I. H. Montgomery..... "
Engr. M. of W.. C. S. Head..... "
Engr. Overhead Constr.
L. W. Turner..... "
Power sta. equip. 4 a. c. turbo-gen. Allis-C. Westg, G. E. tot. 10,200 kw. 2300 v. 2 ph. 60 cys; 4970 hp. b. Stir; trans. volt. 22,000 v; trolley volt. 650 v.
Power sta. and repair shops at Kokomo. Reaches Athletic Park (owned).
62 miles; 4-8½ g; 24 motor pass. cars, 2 trail pass. cars and 4 other motor cars; 15 other cars and 2 elec. locos. ★127

LA FAYETTE. 20,081.

279—Ft. Wayne & Northern Indiana Trac. Co. See Ft. Wayne for general officers.
Local Supt. R. W. Levering...La Fayette
Ch. Engr. Pwr. Sta.
J. Ross Sharp..... "
M. M.. W. H. Walker..... "
Power sta. equip. 2 d. c. G. E. tot. 100 kw; 4 a. c. tot. 2000 kw. 375-2300 v. 2 & 3 ph. 25 & 60 cys; 1500 hp. e. Ham, Cor; 2400 hp. b. Stir; 1000 kw. Westg. turb. (stm.); trans. volt. 33,000-6600-2200 v; trolley volt. 550 v.
Power sta. at foot of South St. Repair shop, 10th & Ferry Sts.
Owns "Tecumseh Trail" (park).
25 miles; 4-8½ g; 20 motor and 3 other cars. ★127

LA FONTAINE. 683.

(See No. 249.)

LA PORTE. 10,525.

(See No. 291.)

LEBANON. 5,474.

(See also No. 276.)

280—Lebanon-Thorntown Trac. Co.—Office, 801 Traction Terminal Bldg., Indianapolis. (Connects Lebanon and Thorntown.)
*Pres. & Gen. Mgr. Robt. P. Woods
1500 Grand Ave., Kansas City, Mo.
Vice-Pres. Frank M. Read
Indianapolis
Sec., Supt. & Pur. Agt.
Geo. S. Hill .....Lebanon
Energy purchased from Terre Haute, Indianapolis & Eastern Traction Co.; trolley volt. 550 v. d. c.; repair shops, Lebanon.
10 miles; 4-8½ g; 2 pass. cars. 127

LOGANSPORT. 19,050.

(See also No. 249.)

281—Ft. Wayne & Northern Indiana Trac. Co. See Ft. Wayne for general officers.
Local Supt. R. Howey.....314 3d St.
Sub-sta. equip. 1 rot. conv. Bull. 500 kw. 600 v.
13 miles; 4-8½ g; 8 motor cars and 6 trailers. ★127

MADISON. 6,984.

282—Madison Lt. & Ry. Co. Office, Madison.
*Pres., Treas., Gen. Mgr. & Pur. Agt.
M. F. Tennis.....Madison
V. Pres. Chas. C. Tennis..Pittsburgh, Pa.
Sec. & Audr. M. Robinson.....Madison
Elec. Engr. J. C. Robinson..... "
Ch. Engr. Pwr. Sta., S. R. Taylor "
Roadmaster, Chas. Jenkins..... "
Power sta. equip. 1 d. c. Tri. 100 kw; 2 a. c. C.-W. tot. 440 kw. 2300 v. 3 ph. 60 cys; 800 hp. e. Bckye, Brnl, Mad; 700 hp. b. Bab. & W; 625 kva. steam turb. G. E; trans. volt. 2300 v; trolley volt. 575 v.
Power sta. and repair shop, Main St.
Reaches Chautauqua Park and Country Club.
3.5 miles; 4-8½ g; 6 motor cars. (Company does a general lighting and power business.) 127

MARION. 19,359.

(See Nos. 249 and 278.)

MARTINSVILLE. 4,599.

(See No. 276.)

MICHIGAN CITY. 19,027.

283—The Chicago, Lake Shore & South Bend Ry. Co.—Office, Michigan City. (Controls The Indiana Harbor Line and Kensington & Eastern R. R. Co. (leased.) (Connects Chicago, Pullman and Kensington (Ill.) and Hammond, E. Chicago, Indiana Harbor, Gary, Michigan City, New Carlisle and South Bend, Ind.)
Chmn. of Board
F. H. Goff.....Cleveland, O.
*Pres. & Gen. Mgr.
C. N. Wilcoxon.....Michigan City
V. Pres. S. H. Tolles .....Cleveland, O.
Sec. & Treas. R. R. Alexander "
Audr. Frederick Pantel....Michigan City
Supt. Jas. K. Gray..... "
Claim Agt.
F. J. Lewis Meyer.....South Bend
Traffic Mgr.
H. G. Faithorn.....Michigan City
Pur. Agt. H. F. Kirk..... "
Supt. Pwr. & Equip.
W. E. Rolston..... "
Supt. Ovhd. Constr. & Signals
Wm. F. Heinemann..... "
Ch. Engr. Pwr. Sta.
J. E. Rolston..... "
Roadmaster, J. A. Forsyth.. "
Power sta. equip. 4 a. c. turbo-gen. Westg. tot. 10,000 kw. 6600 v. s. & 3 ph. 60 & 25 cys; 4000 hp. b. Stirling; trans. volt. 33,000 v; trolley volt. 6600 v. s. ph. a. c.
Power sta. and repair shops, Michigan City.
Reaches Lake Park.
100 miles (single pb. catenary); 4-8½ g; 20 motor and 72 other cars; 2 elec. locos. (Company sells energy for lighting and power.) ★127

MISHAWAKA. 11,886.

(See No. 291.)

MOUNT VERNON. 5,563.

(See No. 262.)

MUNCIE. 24,005.

(See also Nos. 249 and 298.)

284—Muncie, Hartford & Ft. Wayne Ry. Co.—(Leased to the Union Traction Co. of Indiana which see for officers and power plant equipment.)
Power sta. at Eaton.
Owns Riverside Park, Eaton.
42 miles; 4-8½ g; 12 cars. 127

NEW ALBANY. 20,629.

285—Louisville & Northern Ry. & Ltg. Co.—Office, 138 E. Spring St. (Connects Louisville, Ky., Jeffersonville, New Albany, Watson and Sellersburg, Ind., and branch to Charlestown, Ind. Operates over Kentucky & Indiana Bridge & Ry. Co. between Louisville, and New Albany, and connects with Indianapolis & Louisville Trac. Co. at Sellersburg, Ind., giving through service to Indianapolis. Subsidiary of the Middle West Utilities Co.)
Pres. Chester P. Wilson.....Indianapolis
V. Pres. Harry Reid.....Louisville, Ky.
Sec. Ira E. Guthrie.....Indianapolis
Treas. & Audr. J. F. Strattan, New Albany
Trainmaster, W. L. Foreman "
Safety Mgr.
James Harmon .....Louisville, Ky.
Gen. Fgt. & Pass. Agt.
Bert Weedon.....Indianapolis
Pur. Agt. C. R. Bohannan ..New Albany
Elec. Engr. J. M. Merker.... "
M. M., H. H. Buckman..... "
Energy purchased from United Gas & Elec. Co; trans. volt. 4000 v.
26 miles; 4-8½ g; 19 cars. (Company furnishes energy for lighting). ★18

286—Louisville & Southern Indiana Trac. Co.—Office, 138 East Spring Street, New Albany. (Has absorbed the Jeffersonville City Ry. and the Southern Indiana Interurban Ry. Co., which controlled the Jeffersonville, New Albany & Sellersburg Rapid Transit Co., Jeffersonville.) (Owns and operates interurban lines between New Albany and Jeffersonville, Jeffersonville and Louisville, and Highland R. R. Co. Enters Louisville over the C. C. C. & St. L. bridge. Leases New Albany St. Ry. (10 miles.) (Subsidiary of Middle West Utilities Co.)
Pres. Chester P. Wilson.....Indianapolis
V. Pres. Harry Reid.....Louisville
Sec. Ira E. Guthrie.....Indianapolis
Treas. & Audr. J. F. Strattan, New Albany
Trainmaster, W. L. Foreman "
Safety Mgr.
Jas. Harmon.....Louisville, Ky.
Gen. Fgt. & Pass. Agt.
Bert Weedon.....Indianapolis
Pur. Agt. C. R. Bohannan...New Albany
Elec. Engr. J. M. Merker.... "
Park Mgr. A. G. Moore..... "
M. M., H. H. Buckman..... "
Energy purchased from United Gas & Elec. Co. of New Albany; trans. volt. 4000 v.
Reaches Glenwood Park.
23 miles; 4-8½ g; 36 cars. ★18

NEW CASTLE. 9,446.

(See No. 249.)

PERU. 10,910.

287—Ft. Wayne & Northern Indiana Trac. Co.—See Ft. Wayne.
2.5 miles; 4-8½ g; 2 motor cars. 127

288—Winona & Warsaw Ry. Co.—(Connects Warsaw and Winona Lake. Leased to The Winona Interurban Ry. Co. which see for officers.)
2.5 miles; 4-8½ g; 5 motor pass. cars and 4 trail cars. ★127

PORTLAND. 5,180.

289—The Muncie & Portland Trac. Co.—Office, Portland. (Connects Muncie, DeSoto, Albany, Dunkirk, Redkey, Como, Blaine, Detamore and Portland. Leased to the Union Trac. Co. of Indiana which see for operating officials and power plant equipment.)
Pres. E. B. Ball.....Muncie
V. Pres. Wm. C. Ball..... "
Sec. G. A. Ball..... "
Treas. F. C. Ball..... "
Asst. Secy. & Asst. Treas.
W. H. Forse, Jr.....Anderson
Gen. Mgr. H. A. Nicholl..... "
Power sta. and repair shop at Portland; sub-sta. Albany.
23 miles; 4-8½ g; 7 motor and 4 other cars. 127

PRINCETON. 6,448.

(See No. 265.)

RICHMOND. 22,324.

(See No. 276.)

ROCKPORT. 2,736.

(See No. 259.)

RUSHVILLE. 4,925.

(See No. 271.)

SCOTTSBURG. 1,669.

290—Indianapolis & Louisville Trac. Ry. Co.—Office, Scottsburg. (Connects Indianapolis and Louisville via Ind., Col. & So. Tract. Co. (operated by Interstate Public Service Co.) at Seymour and Louisville & Northern Ry. & Ltg. Co. at Sellersburg.)
Pres. & Gen. Mgr.
John E. Greeley.....Scottsburg
V. Pres. Mark Storen..... "
Sec. N. G. Eyster.....Pittsburg, Pa.
Treas. Jas. C. Chaplin..... " "
Audr. H. F. McColgin.....Scottsburg
*Asst. to Gen. Mgr. & Pur. Agt.
Hudson R. Biery..... "
M. M., Wesley Hartley..... "
Roadmaster, Jas. E. Slatten.. "
Power sta. equip. 2 d. c. G. E. tot. 1200 kw; 1500 hp. e. Allis-C; 1200 hp. b. Bab. & W; trans. & trolley volt. 1200 v. d. c.
Power sta. and repair shops, Scottsburg, Ind.
40.92 miles owned, 75 miles traffic rights; 4-8½ g; 8 motor pass. cars and 2 other motor cars; 6 other cars. (Co. sells energy for lighting in Scottsburg.)
★127

SHELBYVILLE. 9,500.

(See No. 271.)

SOUTH BEND. 53,684.

(See also No. 283.)

291—Chicago, South Bend & Northern Indiana Ry. Co.—Office, 103 N. Michigan St., South Bend. (Successor to the Northern Indiana Ry. Co., which includes the Indiana Ry. Co., South Bend, La Porte & Michigan City Ry. Co., Michigan City Trac. Co., and the railway of Mich. City Elec. Co.) (Connects South Bend with Mishawaka, Elkhart and Goshen, and La Porte and Michigan City.)
Pres. Chas. F. Dieterich
2 Rector St., New York, N. Y.
V. Prests. { Chas. M. Murdock, La Fayette
*Gen. Mgr.
T. F. Grover...South Bend

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Sec. Sam'l T. Murdock.....Indianapolis
Treas. A. E. Dieterich
2 Rector Street.....New York, N. Y.
Asst. Sec. G. V. Carrier.....South Bend
Supt. Transpt. L. E. Hollar... "
Pur. Agt. R. E. Cornwell..... "
Claim Agt. E. R. Dow..... "
Gen. Fgt. & Pass. Agt.
Clay Frantz..... "
Supt. of Sub-stas. B. C. Eager "
Supt. Equip. C. E. Atkinson.. "
Engr. M. of W., W. F. Carr.. "
Local Supt. V. A. Gillette..... "
Div. Supt. (East) C. G. Reed.....Elkhart
Div. Supt. (West)
W. C. Kambs.....Michigan City

Purchases energy; trans. volt. 25,000 & 13,000 v; trolley volt. 600 v; has sub-stas. at Michigan City, La Porte, Rolling Prairie, Lydick, South Bend, Twin Branch, Elkhart and Dunlap; repair shops at South Bend.

Reaches parks in Springbrook, (owned) South Bend, Pine Lake and La Porte, covering 80 acres

123 miles; 4-8½ g; 106 motor and 25 other cars. ★127

292—Southern Michigan Ry. Co.—General office, 103 N. Michigan St., South Bend. (Consolidation of the South Bend & Southern Michigan Ry. and the Niles & Buchanan Ry. Co.) (Connects South Bend, Ind. and Niles, Berrien Springs, Scottdale and St. Joseph, Mich.)

Pres. Chas. F. Dieterich, 2 Rector St., New York, N. Y.
V. Prests. Chas. M. Murdock, La Fayette
Gen. Mgr.
T. F. Gro-er...South Bend
Sec. S. T. Murdock.....Indianapolis
Treas. A. E. Dieterich, 2 Rector St., New York, N. Y.
Asst. Secy. G. V. Carrier.....South Bend
Gen. Mgr. F. I. Hardy..... "
Supt. Transpt. L. E. Hollar.. "
Pur. Agt. R. E. Cornwell..... "
Claim Agt. E. R. Dow..... "
Gen. Fgt. & Pass. Agt.
Clay Frantz..... "
Supt. Equip. C. E. Atkinson.. "
Supt. of Sub-stas. B. C. Eager "
Engr. M. of W., W. F. Carr... "
Local Supt. V. A. Gillette.... "
Div. Supt. (East) C. G. Reed.....Elkhart
Div. Supt. (West)
W. C. Kambs.....Michigan City

Energy purchased from Indiana & Michigan Elec. Co; trans. volt. 25,000 & 13,000 v; trolley volt. 600 v; sub. stas. at Niles, South Bend, Berrien Springs and Scottdale; repair shops, South Bend.

85 miles; 4-8½ g; 16 motor and 2 baggage cars and 1 other car. ★127

TERRE HAUTE. 58,157.

293—Terre Haute Traction & Light Co.—Office 663 Wabash Ave. (Owns Brazil Rapid Transit Co., Terre Haute Elec. Co. and Terre Haute Elec. Trac. Co.; also leases Terre Haute & Western Ry. Co., a line extending from Paris, Illinois, to Indiana State Line, 10.63 miles. Connects Terre Haute with Clinton, Sullivan, Paris, Illinois, and Brazil, at which point it joins with the Brazil Div. of the Terre Haute, Indianapolis & Eastern Trac. Co., making a through line from Terre Haute to Indianapolis.) (Leased to Terre Haute, Indianapolis & Eastern Traction Co., Indianapolis, which see for general officers.)

Gen. Mgr. E. M. Walker.....Terre Haute
Supt. Ry. Morris M. Nash.... "
Claim Agt.
Jesse McComb..... "
Ch. Engr. & Roadmaster,
Robt. Scott..... "
Pur. Agt. D. F. Roach..... "
M. M., W. H. Garrigus..... "

Power sta. equip. 5 a. c. G. E. tot. 16,000 kva. 2300 v. 2 ph. 60 cys; 6420 hp. b. A. & T. Climax; 20,000 hp. turb. (stm.) G. E; trans. volt. 23,000 v; trolley volt. 600 v.

Power sta. at Water and Mulberry Sts., Terre Haute; repair shops at Wabash Ave., Terre Haute.

Reaches Lake View Park, Chelsea Park and Terre Haute Trotting Park.

97.89 miles (including leased track of Terre Haute & Western Ry. Co.); 4-8½ g; 111 motor pass. cars, 12 trail pass. cars and 15 other motor cars; 11 other cars. (Furnishes energy for lighting and motor service in Terre Haute, Seeleyville, Staunton, Brazil, Knightsville, Vermillion and Harmony.) ★18

VALPARAISO. 6,987.
(See No. 268.)

VAN BUREN. 1,189.
(See No. 253.)

VINCENNES. 14,895.

294 — Vincennes Traction Co.—Office, 1027 Fairgrounds Ave.

Chmn. Bd. S. A. Culbertson, Louisville, Ky.
*Pres., & Pur. Agt.
M. L. Ross.....Vincennes
V. Pres. John T. Boyd..... "
Sec., Treas. & Audr.
H. L. Bennett..... "
Mng. Dir. S. S. Bush.....Louisville, Ky.

Power sta. equip. 2 d. c. Westg. tot. 800 kw; 400 hp. e. Bckye; 450 hp. b. Stir; trans. and trolley volt. 500 v.

Power sta. at 11th and Seminary Sts.; repair shops at 1027 Fairgrounds Ave.

Reaches Lakewood (owned), Harmonie, Harrison and Columbia Parks.

8.5 miles; 4-8½ g; 14 motor and 8 other cars. ★127

WABASH. 6,687.
(See Nos. 249 and 266.)

WARSAW. 4,480.

295—The Winona Interurban Ry. Co.—Office, Warsaw. (Leases Winona & Warsaw Ry. Connects Warsaw, Leesburg, Milford, Milford Junction, New Paris, Goshen, Mentone, Winona Lake, Gilead, Akron, Chili and Peru.)

Receiver C. J. Munton.....Kendallville
*Gen. Mgr. & Pur. Agt.
J. C. Schade.....Warsaw
Audr. H. O. Weimer..... "
Gen. Fgt. & Pass. Agt.
John O. Motto..... "
Ch. Engr. Pwr. Sta. & M. M.
Chas. Sigler..... "
Roadmaster, Chas. Ruse..... "
Fmn. Overhead Constr.
O. R. Ferguson..... "
Park Mgr. Sol. C. Dickey...Winona Lake

Power sta. equip. 2 a. c. Bull tot. 1200 kw. 3 ph. 25 cys; 1200 hp. e. Allis-C; 1200 hp. b. Bab. & W; trans. volt. 33,000 v; trolley volt. 650 v.

Power sta. and repair shop at Winona Lake.

Reaches Winona Assembly.

70 miles; 10 inter. motor pass. cars, 2 city motor pass. cars, 3 frgt. motor cars and 2 other motor cars; 4 city trail pass. cars, 1 snow plow and 4 other cars. (Furnishes lighting for Leesburg, Chili, Mentone, Akron and Gilead.) ★127

WASHINGTON. 7,854.

296 — Washington St. Ry. Co.—Office, 615 W. Main St.

Pres. Z. F. Graham.....Evansville
1st V. Pres. Jos. B. Graham.... "
2d V. Pres. Robert Graham..... "
Sec. Ray A. Graham..... "
*Treas. & Supt.
C. G. Colbert .....Washington

Energy purchased from The Electric Works.

2.6 miles. ★127

WATERLOO. 1,167.
(See No. 277.)

IOWA.

ALBIA. 4,969.

(See also No. 303.)

297—Albia Light & Ry. Co.—Office 10 N. Main St. (Successor to Southern Ia. Ry. & Lt. Co.) (Connects Albia with Hocking and Hiteman.)
Pres. Albert L. Fowle, 60 Broadway, New York, N. Y.
V. Pres. Merle R. Walker " "
*Sec., Treas., Gen. Mgr. & Claim Agt., Ralph W. Boyer.....Albia
Audr. Bert Dunkin..... "
Ch. Engr. J. E. Smith..... "
Roadmaster, Joseph Heinman..... "
Engr. Ovhd. Constr. Chas. Leland.. "

Power sta. equip. 4 d. c. Westg. Ft. W. tot. 550 kw; 2 a. c. Allis-C tot. 800 kw. 2300 v. 3 ph. 60 cys; 1000 hp. e. Allis-C; 750 hp. b. Mur; trans. volt. 13,200 v; trolley volt. 500 v.

Repair shops, Albia.

Reaches Urban Park (owned).

10 miles; 4-8½ g; 3 motor cars and 1 other car. (Co. does ltg.) 77

AMES, 4,223.

(See No. 298.)

BOONE. 10,847.

298—Fort Dodge, Des Moines & Southern R. R. Co.—Office, Boone. (Operates street railways in Ft. Dodge and Ames, and connects Fort Dodge, Boone, Ames, Rockwell City and Des Moines.) (Purchased property of Crooked Creek Railroad; will electrify line and build a connection to Ft. D., D. M. & S.)
Pres. Homer Loring.....Boston, Mass.
*V. Pres. & Gen. Mgr. C. H. Crooks.....Boone
Sec. George G. Beals 201 Devonshire St., Boston, Mass.
Treas., & Audr. F. M. Johnston.....Boone
Supt. C. M. Kelley..... "
Pur. Agt. G. E. Motz..... "
Claim Agt. A. J. Daniels..... "
Gen. Fgt. & Pass. Agt. Chas. Shackell..... "
Engr. M. of Way, L. E. Gagnon . "
Supt. Pwr. B. T. Mottinger..... "
Ch. Engr. R. L. Cooper..... "
Engr. Pwr. Sta. B. H. Bryson.....Fraser
M. M., John Duncan.....Boone

Power sta. equipt: 4 a.c. Westg. G. E. turbo-gen. tot. 12,500 kw. 2300 v. 3 ph. 25 cys; 2600 hp. e. Curtis; 2600 hp. b. Bab. & W., Edge; trans. volt. 23,000 v; trolley volt. 1200 v.

Pwr. sta. at Fraser; repair shops at Boone.

180 miles; 4-8½ g; 20 motor and 2300 other cars; 11 elec. locos. (Co. does a general ltg. business.) ★18

299—Iowa Ry. & Lt. Co.—Office, 917 Eighth St. See Cedar Rapids for general officers.
Local Mgr. F. W. Linebaugh.....Boone
Ch. Engr. John May..... "

Power sta. equip. 1 d. c. Allis-C. 300 kw; 3 a. c. G. E. tot. 2000 kw. 2300 v. 3 ph. 60 cys; 500 hp. e. Bckye; 1200 hp. b. Edge; 2000 kw. turb. Allis-C; trans. volt. 33,000-13,200 v; trolley volt. 600 v.

Power sta. and repair shop at E. 8th St.

Reaches Boone Amusement Park.

7 miles; 4-8½ g; 6 motor cars; 6 other cars. Company does lighting. ★127

BURLINGTON. 24,324.

300—Burlington Ry. & Lt. Co.—Office, 4th & Market Sts.
Pres. G. H. Higbee.....Burlington
V. Pres. E. C. Walsh.....Clinton
Sec., Treas. & Gen. Mgr. C. H. Walsh.....Burlington
*Audr. A. J. Meyer..... "
Supt. & Pur. Agt. D. D. Bentzinger "
Supt. Transpt. Charles Birck... "
Elec. Engr. Ralph Pierce..... "
Ch. Engr. Pwr. Sta. Geo. Miles..... "
M. M., J. Holman..... "
Roadmaster, Frank Warren.... "

Energy purchased from Mississippi River Pwr. Co.; 4 d. c. G. E., Westg. tot. 1150 kw; 3 a. c. G. E. tot. 1500 kw. 3 ph. 60 cys; 2300 hp. e. Ham. Cor., St. L. Cor., Mur; 2400 hp. b. Heine, Bab. & W; 1400 kw. turb. (stm.) Westg; trans. volt. 2300 v; trolley volt. 550 v.

Power sta. at 4th & Valley Sts.; repair shops at Locust & Main Sts.

Reaches Crapo and Madison Ave. Parks.

23.5 miles; 4-8½ g; 25 motor and 22 other cars. Furnishes energy for lighting. 67

CEDAR RAPIDS. 32,811.

(See also No. 327.)

301—Cedar Rapids & Marion City Ry. Co.—Office, Weller Bldg. (Connects Cedar Rapids, Kenwood Park and Marion.) (Controlled by the United Lt. & Rys. Co.)
Pres. Glenn M. Averill.....Cedar Rapids
1st V. Pres. R. Schaddelee Grand Rapids, Mich.
2d V. Pres. B. J. Denman.....Davenport
Treas. C. M. Hurd...Grand Rapids, Mich.
Sec. & Gen. Mgr. E. C. Allen Cedar Rapids
Audr. C. Fred Meyer..... "
Ch. Engr. Pwr. Sta. F. M. Ford..... "
Roadmaster J. M. Henry... "

Power sta. equip. 3 d.c. Allis-C. tot. 1550 kw; 2000 hp. e. Allis-C; 1200 hp. b. Erie City; trolley volt. 600 v.

Power sta. cor. E. Ave & 3d St. Repair shop at D Ave. and 2nd St.

27.5 miles; 4-8½ g; 52 motor and 7 other cars. 127

302—Iowa Ry. & Lt. Co.—Gen. office, Cedar Rapids. (Consolidation of the Cedar Rapids & Iowa City Ry. & Lt. Co., Hunt Elec. Lt. Plant, Marion Lt., Ht. & Pwr. Co., Marshalltown Lt., Pwr. & Ry. Co., Marengo Elec. Lt. & Pwr. Co., Tama & Toledo Elec. Ry. & Lt. Co., Chelsea Elec. Lt. Co., Boone Elec. Co. and Perry Elec. Lt., Pwr. & Htg. Co.) (Controls Iowa Trac. Co.) (Operates an interurban electric railway connecting Cedar Rapids, Swisher, North Liberty, Coralville and Iowa City; interurban lines connecting Tama and Toledo and Cedar Rapids, Mt. Vernon and Lisbon; local street railways in Marshalltown and Boone.)
Pres. & Gen. Mgr. Wm. G. Dows.....Cedar Rapids
V. Pres. John A. Reed..... "
V. Pres., Treas. & Traffic Mgr. Isaac B. Smith..... "
Audr. Chas. S. Woodward.. "
Supt. E. F. Winslow..... "
Ch. Engr. J. D. Wardle..... "
Pur. Agt. S. C. Dows..... "
Supt. Sales Dept. J. E. Blake..... "
*Elec. Engr. John M. Drabelle "
Asst. Elec. Engr. J. W. Howe..... "
Ch. Engr. Pwr Stas. Frank W. Laas..... "
M. M., John Munson..... "

Power sta. equip. (Cedar Rapids) 1 d. c. West. 500 kw. 500 v: 5 a. c. Westg, Allis-C. tot. 7000 kw. 2300 v. 2 ph. 60 cys; 2100 hp. e. Bckye., Fulton; 6050 hp. b. Edge' Bab. & W; 10,250 kw. stm. turb. Allis-C, G. E; trans. volt. 33,000 v; trolley volt. 600 v.

Automatic hydro-elec. plant on Cedar

River: equip. consists of 3 500-kw. Allis-C. 2300-v. 2-ph. 60-cycle vertical machines; ultimate cap. 2000 kw.

Power stas. and repair shops at Cedar Rapids, Boone, Marshalltown and Toledo. Controls Union and Mid River Parks.

45.5 miles; 4-8½ g; 11 motor and 17 other cars. Company furnishes light, power and steam heat and does general freight business, handling standard cars on its lines. (Installing G. E. 500 kw. 600-1200 v. automatic sub. sta.) ★18

CENTERVILLE. 6,936.

303—Iowa Southern Utilities Co.—(Successor to Centerville Lt. & Trac. Co. and has acquired the Centerville, Albia & Southern Ry. Co. Operates in Centerville and a line extending to Mystic; also connects Centerville, Moravia and Albia.)

Pres. D. C. Bradley.....Centerville
V. Pres.
John C. Meiners.....Milwaukee, Wis.
Sec. Lyman C. Bernhard " "
*Treas., Mgr. & Pur. Agt.
Frank S. Payne..... .Centerville
Audr. G. E. Peck..... "
Traffic Mgr. J. P. Boyle ..... "
Gen. Fgt & Pass. Agt.
J. M. Beer..... "
Elec. Engr., M.M. & Engr. Ovhd.
Constr. H. R. Longanecker.. "
Supt. Pwr. Guy McCarty..... "
Roadmaster E. C. Stites..... "
Supt. Car Barn Jas. Parisho... "

Power sta. equip. 1 d.c. West. 250 kw. 550 v; 3 a. c. G. E. tot. 2000 kw. 3 ph. 60 cys; 3000 hp. e. Allis-C. Ham., Cor; 900 hp. b. Mur., Bab. & W; trans. volt. 13,200 v; trolley volt. 550 v.

Power sta. and repair shop at Centerville.

Reaches Glen Hagan Park (owned).

33.34 miles; 4-8½ g; 8 motor and 11 other cars. (Traffic agreements with Chgo., B. & Q., Chgo., M. & St. P., Chgo., R. I. & P., Wabash and Mpls. & St. L. Railroads.) (Does general ltg. and pwr. business.) 57

CHARLES CITY. 5,892.

305—Charles City Western Ry. Co.—Office, Charles City. (Connects Charles City, Marble Rock, Oakwood, Niles and Colwell.)

Pres. C. W. Hart.....Charles City
V. Pres. E. M. Sherman..... "
Sec. C. H. Parr..... "
Treas. M. W. Ellis..... "
Audr. A. Jasperson..... "
*Gen. Mgr. E. R. Ernsberger "
Supt. L. J. Smith..... "
M. M., E. A. Everhart..... "

Purchases energy from Cedar Valley Elec. Co. 1200 v. d. c.

24.33 miles; 4-8½ g; 5 motor cars and 2 other cars. (Company handles freight.) 127

CLINTON. 25,577.

(See also No. 309)

306—Clinton St. Ry. Co.—Office, Clinton. (Controls Sixth Avenue and Eagle Point Lines. Connects Clinton and Lyons.)

Pres. C. H. Young.....Clinton
V. Pres. R. C. Langan..... "
Sec. A. L. Schuyler..... "
Treas. C. C. Coan.....Clinton
*Supt. & Pur. Agt. B. Bohnson... "

Energy purchased from Clinton Gas & Elec. Co. Repair shop at Randolph and 6th Sts.

Owns Eagle Point Park.

18 miles; 4-8½ g; 32 cars. (Company furnishes energy for stationary motors.) 67

COLFAX. 2,524.

(See also No. 313.)

307—Colfax Springs Ry.—Office, Colfax. (Extends from Depot in Colfax to Hotel Colfax.)

Pres. & Treas. Jas. P. Donahue....Colfax
*V. Pres. & Sec. E. S. H. Donahue. "

Power sta. and repair shops at Hotel Colfax; trolley volt. 500 v.

1 mile; 4-8½ g; 3 cars. 67

COUNCIL BLUFFS. 29,292.

(See also No. 564.)

308—Omaha & Council Bluffs Ry. & Bridge Co.—(Leased to the Omaha & Council Bluffs St. Ry. Co., Omaha, Neb.)

Pres. Geo. S. Wright.....Council Bluffs
V. Pres. G. W. Wattles....Omaha, Neb.
Sec. Chas. T. Stewart.....Council Bluffs
Treas. J. J. Spindler..... "

Power supplied from Omaha by lessee. Reaches Lake Manawa Park.

34 miles; 4-8½ g; 38 motor and 15 other cars. 67

DAVENPORT. 48,154 (1914).

(See also Nos. 242 and 487.)

309—Clinton, Davenport & Muscatine Ry. Co.—Office, 125-7 W. 3d St. (Consolidation of The Davenport & Muscatine Ry. Co. and the Iowa & Illinois Ry. Co.) (Connects Clinton, Shafton, Princeton, LeClaire, Pleasant Valley, Bettendorf, Davenport, Blue Grass, Pleasant Prairie, Sweetland Centre and Muscatine and owns the local lines in Muscatine.) (Controlled by the Tri-City Ry. & Lt. Co.)

Pres. B. J. Denman.....Davenport
V. Pres. & Gen. Mgr.
J. G. Huntoon..... "
Sec. & Treas. H. E. Weeks... "
Asst. to Gen. Mgr. & Traffic Mgr.
Clark G. Anderson..... "
Gen. Supt. C. F. Dege..... "
Claim Agt. Martin Marcussen. "
Audr. Fgt. Accts. & Gen. Fgt.
& Pass. Agt. T. E. H. Snow "
Pur. Agt. Geo. G. Kuhn..... "
Supt. (Muscatine Local Lines)
W. D. Schuyler.....Muscatine
M. M. Jno. Sutherland.....Davenport
Roadmaster, W. W. Prater.... "

Energy purchased from power dept. of the Tri-City Ry. & Lt. Co.

Repair shops at Clinton.

Reaches I. & I. Park (leased from owner and sub-leased to operator.)

CLINTON DIV.

Trans. volt. 13,000 v; trolley volt. 600 v.

Sub-stas. Le Claire, Clinton and Bettendorf.

36 miles (interurban); 4-8½ g; 3 passenger and 3 trail cars, 1 fgt. motor car, 1 fgt. trailer and 1 elec. loco.

MUSCATINE DIV.

Trans. volt. 33,000 v; trolley volt. 600-1200 v.

Sub-stas. Front and Oak Sts., Muscatine, with steam reserve, and Carrollton St., Davenport.

35 miles (city lines 10, interurban 25); 4-8½ g; 18 motor and 5 trail cars (city service) and 10 other cars (interurban service).

(On division from Clinton to Davenport company does a transmission line business, selling energy for light and power to towns and farmers.) ★127

310—Tri-City Ry. Co. of Iowa.—Office, 125-127 West 3rd St., Davenport. (Connects Davenport, Rockingham and Bettendorf.) (Controlled by the Tri-City Ry. & Lt. Co.)

Pres. B. J. Denman.....Davenport

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V. Pres. & Gen. Mgr.
J. G. Huntoon.....Davenport
Sec. & Treas. H. E. Weeks.... "
Asst. Gen. Mgr. Clark Anderson "
Claim Agt. Martin Marcussen. "
Pur. Agt. Geo. G. Kuhn..... "
M. M. John Sutherland..... "

Energy purchased from Tri City Ry. & Lt. Co. (Pwr. Dept.); trans. volt. 4400 v; trolley volt. 550 v; repair shops at Davenport.

47.84 miles; 4-8½ g; 95 cars. ★127

311—Tri-City Ry. & Lt. Co.—Offices, Hartford, Conn., and Davenport. (98⅛% of common stock is owned by United Lt. & Rys. Co., Grand Rapids, Mich.) (Owns stocks and bonds of Tri-City Ry. Co. of Iowa, Tri-City Ry. Co. of Illinois, Moline, Rock Island & Eastern Trac. Co., People's Pwr. Co. (Moline and Rock Island), Moline-Rock Island Mfg. Co., People's Lt. Co. (Davenport), Clinton, Davenport & Muscatine Ry. Co., Muscatine Ltg. Co. (Muscatine and contiguous territory), Iowa City Lt. & Pwr. Co. and Watch Tower & Campbell's Is. Park Co. Railway lines connect Davenport, Rockingham and Bettendorf, and Clinton, Shaffton, Princeton, LeClaire, Pleasant Valley, Bettendorf, Davenport, Blue Grass, Pleasant Prairie, Sweetland Center and Muscatine, Iowa; owns city lines in Muscatine; Rock Island, Moline, Sears and Milan, and Watertown, E. Moline, Silvis, Campbell's Island and Moline, Illinois; electricity is served, in addition to the above towns, to Walcott, Stockton, Durant, Blue Grass, Iowa City and Coralville, Ia.; Carbon Cliff, Hampton, Rapids City and Port Byron, Ill.)

*Pres. & Gen. Mgr.
B. J. Denman.....Davenport
V. Prests. { R. Schaddelee, Grand Rapids, Mich.
V. Prests. { H. R. Tobey, 49 Wall St., New York, N.Y.
Sec. H. E. Weeks.....Davenport
Asst. Secs. { E. W. Niver, 49 Wall St., New York, N.Y.
Asst. Secs. { L. H. Heinke, Grand Rapids, Mich.
Treas. Frank T. Hulswit, Grand Rapids, Mich.
Asst. Treas. Harry E. Littig...Davenport
★18

DES MOINES. 86,368.

312—Des Moines City Ry. Co.—Office, Flynn Bldg.

Pres. Emil G. Schmidt.....Des Moines
V. Pres. W. H. McHenry..... "
*Sec. & Audr. O. H. Bernd... "
Treas. & Pur. Agt. F. M. Harris "
Supt. L. L. Sloss..... "
Claim Agt. D. M. Finch..... "
Elec. Engr. & Engr. Ovhd. Constr. F. C. Chambers E. 4th & Maple Sts. "
Engr. Power Sta. C. E. Simmons ..... "
M. M., M. M. Lloyd..... "
Engr. M. of W., W. L. Wilson "

Power sta. equip. 2 d. c. G. E. tot. 3000 kw; 3 a. c. turbo gen. West. G. E. tot. 3000 kw. 4400 v. 3 ph. 25 cys; 3000 hp. e. Allis-C. Fulton: 3520 hp. b. A. & T; trans. volt. 22,000—4400 v; trolley volt. 600 & 650 v.

Power sta. and repair shop, East 4th and Maple Sts.

Reaches Riverview Park.

85 miles; 4-8½ g; 157 motor pass. cars and 17 other motor cars. ★127

313 — Inter Urban Ry. Co.—Office, Flynn Bldg. (Connects Des Moines, Colfax, Altoona, Mitchellville, Woodward, Perry, Gardiner, Herrold, Moran, Granger and Ft. Des Moines.)

Pres. Emil G. Schmidt.....Des Moines
V. Pres. W. H. McHenry..... "
Sec. & Audr. O. H. Bernd.....Des Moines
Treas. & Pur. Agt. F. M. Harris "
Gen. Mgr. William Clapper... "
Supt. C. T. Baker..... "
Claim Agt. D. M. Finch..... "
Ch. Engr. & Engr. Maint. of Way, W. L. Wilson..... "
Elec. Engr. & Engr. Ovhd. Constr. F. C. Chambers..... "
M. M., M. M. Lloyd..... "

Energy purchased from Des Moines City Ry.; trans. volt. 23,000 v; trolley volt 650 v.

Sub-stas. at Mitchellville, Perry, Moran and Herrold; repair shop at E. 4th and Maple Sts., Des Moines.

Company lights parks and sells energy to Gibson Elec. Co., for Altoona and Mitchellville.

74 miles; 4-8½ g; 19 motor and 124 other cars. ★127

DUBUQUE. 38,494.

314 — Dubuque Elec. Co.—Gen. office, Fifth and Iowa Sts. (Successor to Union Elec. Co.) (Owned and operated by Union Utilities Co., which is owned by Elston & Co., Chicago, Ill.)

Pres. I. C. Elston, Jr..... Chicago, Ill.
V. Prests. { C. L. Ayling.. Boston, Mass.
V. Prests. { H. B. Maynard.....Waterloo
Sec. Thos. Leaver..... Chicago, Ill.
Treas. A. C. Allyn..... "
Audr. Miss M. E. Crabtree .....Dubuque
*Gen. Mgr. & Pur. Agt. O. H. Simonds..... "
Supt. A. H. Smith..... "
Elec. Engr. & Engr. Ovhd. Constr. H. G. Gorr..... "
Ch. Engr. Pwr. Sta. C. L. Sheffield..... "
M. M., J. C. Donovan..... "
Roadmaster, Geo. Yerger..... "

Power sta. equip. 3 a. c. turbo-gen G. E. tot. 9500 kw. 2300 v. 3 ph. 60 cys; 2400 hp. b. Bab. & W; trans. volt. 2300-4000-6600-33,000 v; trolley volt. 500 v.

Power station at 8th St., and repair shops at Conler Ave.

Owns and reaches Union Park, 83 acres, and Nutwood Park, 73 acres.

20.7 miles; 4-8½ g; 50 motor and 46 other cars. (Company furnishes energy for lighting and power.) ★127

FORT DODGE. 15,543.

(See No. 298.)

FORT MADISON. 8,900.

315—Fort Madison St. Ry. Co.—Office, Santa Fe Ave. (Owned and operated by Mississippi Valley Elec. Co.

Pres. & Gen. Mgr. J. O. Schulze.....Iowa City
V. Pres. & Treas. J. H. Rohret..... "
Sec. F. N. Sueppel..... "
Supt. Joseph Negus.....Ft. Madison
M. M. Harold D. Emdia..... "

Power rented from Ft. Madison Elec. Lt. Co.; trolley volt. 550 v.

4 miles; 4-8½ g; 10 cars. 127

HAMILTON. 391.

(See No. 318.)

HITEMAN. 1,200.

(See No. 297.)

IOWA CITY. 10,091.

(See No. 309.)

316 — Mississippi Valley Electric Co.—Office, Commercial Savings Bank Bldg., Iowa City. (Operates in Iowa City; also owns and operates Mankato (Minn.) Elec. Trac. Co. (5.8 miles) and Ft. Madison (Iowa) St. Ry. Co. (4 miles).

*Pres., Gen. Mgr. & Pur. Agt.
J. O. Schulze.....Iowa City
V. Pres. & Treas. J. H. Rohret. "
Sec. F. N. Suppel..... "
M. M., P. E. Potter..... "
Power purchased from Iowa Ry. & Lt. Co.: trolley volt. 550 v.
6.2 miles; 4-8½ g; 9 motor cars, 1 other car. 127

KEOKUK. 14,008.

317 — Central Mississippi Valley Elec. Properties.—(Formed in Ill. by a Trust Agreement, under which there is deposited the entire capital stock of Ft. Madison Elec. Co. and Dallas City Lt. Co. and all the capital stock of Keokuk Elec. Co., except $250,000 preferred stock. These companies do the entire gas, elec. ry., ltg. & pwr. business in Keokuk, Ia., the entire elec. ltg. & pwr. business in Ft. Madison and Montrose, Ia., and Dallas City, Ill., and the entire elec. ry. and elec. ltg. business in Hamilton and Warsaw, Ill.; also operate an interurban elec. ry. between Keokuk, Hamilton and Warsaw.)
Pres. Geo. Higginson, Jr....Chicago, Ill.
1st V. Pres. Harry T. Edgar..Boston, Mass.
Sec. Jos. L. Valentine.....Chicago, Ill.
Asst. Sec. Alvah K. Todd...Boston, Mass.
Treas. Henry B. Sawyer.... " "
Gen. Mgrs. Stone & Webster " "
Mgr. (Keokuk Elec. Co.)
J. P. Ingle.....Keokuk
Mgr. (Ft. Madison Elec. Co. & Dallas City Lt. Co.)
P. I. Robinson.....Ft. Madison ★18

318 — Keokuk Elec. Co.— (Consolidation of Keokuk Elec. Ry. & Pwr. Co., Keokuk & Western Ill. Elec. Co. and Keokuk Gas & Elec. Co.) (This company does the entire electric railway, electric lighting, power and gas business of Keokuk. Also does the entire electric railway and electric lighting business in Hamilton and Warsaw, Ill., and Montrose, Ia. and operates an interurban electric railway between Keokuk, Hamilton and Warsaw.)
Pres. Harry T. Edgar,
147 Milk St., Boston, Mass.
V. Pres. Geo. Higginson, Jr.
604 First Nat'l Bk. Bldg., Chicago, Ill.
Sec. Alvah K. Todd.....Boston, Mass.
Treas. H. B. Sawyer..... " "
Asst. Treas. A. L. Berryman.....Keokuk
Gen. Mgrs. Stone & Webster
Boston, Mass.
Mgr. J. P. Ingle.....Keokuk
Ch. Opr. Pwr. Sta. W. A. Gilbert " "
M. M.. A. C. Anderson..... "
Purchases energy from Mississippi River Power Co.; 2 d. c. rotary conv. Westg. tot. 600 kw; 10 a. c. transformers G. E. Westg. tot. 2116 kw. 11000 v. 3 ph. 25 cys; trans. volt. 11000 v; trolley volt. 565 v.
Repair shop at 19th and Bank Sts.
8.19 miles (trackage 6.14): 4-8½ g; 17 motor and 3 trail cars; 1 other car. ★127

MARBLE ROCK. 480.

(See No. 305.)

MARION. 4,400.

(See No. 301.)

MARSHALLTOWN. 13,374.

319—Iowa Ry. & Lt. Co.—Office, 119 East Main St. See Cedar Rapids for general officers.
Local Mgr. Charles Munson,
Marshalltown
Supt. Transp. J. C. Blackburn "
Ch. Engr. Pwr. Sta.
N. H. McCoy..... "
Power sta. equip. 2 d. c. Westg. G. E. tot. 400 kw; 3 a. c. West. tot. 850 kw 2300 v. 3 ph. 60 cys; 575 hp. e. St. Louis; 1200 kw. e. Fulton Cor.; 1800 hp. b. Edge, Lyons; 2375 kva. stm. turb. Westg; trolley volt. 550 v.
Power sta. at East Nevada St.; repair shop at 326 S. 3d Ave.
Reaches Leland Park and Cottage Grove Park.
5 miles; 4-8½ g; 6 motor and 5 other cars. Company furnishes lighting. ★127

MASON CITY. 11,230.

320—Mason City & Clear Lake R.R. Co.—Office, 311 N. Main St. (Connects Mason City and Clear Lake.) (Controlled by the United Lt. & Rys. Co., Grand Rapids, Mich.)
Pres. R. Schaddelee
Grand Rapids, Mich.
1st V. Pres. W. E. Brice.....Mason City
2d V. Pres. C. H. McNider... "
3d V. Pres. & Asst. Treas.
C. M. Hurd.....Grand Rapids, Mich.
Sec. & Gen. Mgr.
F. J. Hanlon.....Mason City
Treas. & Asst. Sec.
L. H. Heinke.....Grand Rapids, Mich.
Audr. F. E. Wells.....Mason City
Energy purchased from People's Gas & Elec. Co.; 1 a. c. G. E. 1000 kw. 2300 v. 3 ph. 60 cys; 500 hp. b. Frmn; 1000 kw. stm. turb. G. E; trans. volt. 13,200 v; trolley volt. 600 v.
Power sta. and repair shop at Emery.
Reaches Clear Lake Park.
20.5 miles; 4-8½ g; 23 motor and 14 other cars. 127

MUSCATINE. 16,178.

(See No. 309.)

OSKALOOSA. 10,415 (1914).

321 — Oskaloosa & Buxton Elec. Ry. Co.—Office, 201-2 High Ave., West., Oskaloosa. (Owned and operated by Oskaloosa Trac. & Lt. Co. which see for officers.) (Connects Oskaloosa and Buxton.) (Part of the Illinois Trac. System.)
Energy from Oskaloosa Trac. & Lt. Co.; trolley volt. 550 v.
3.5 miles; 4-8½ g; 2 cars. 127

322—Oskaloosa Trac. & Lt. Co.— Office, 201 High Ave., West, Oskaloosa. (Owns and operates Oskaloosa & Buxton Elec. Ry. Co.) (Connects Oskaloosa and Beacon.) (Part of Illinois Trac. System.)
Pres. Wm. B. McKinley
Champaign, Ill.
V. Pres. Exec. H. E. Chubbuck
Peoria, Ill.
V. Pres. & Treas Geo. M. Mattis
Champaign, Ill.
Sec. W. H. Carnahan..... "
Audr. B. E. Bramble..... "
Mgr., Claim, Gen. Fgt. & Pass. & Pur. Agt. J. H. Porter..... Oskaloosa
Ch. Engr. Pwr. Sta.
C. M. Stryker..... "
Engr. Ovhd. Constr.
F. W. Magdsick..... "
Power sta. equip. 3 d. c. G. E. tot. 450 kw; 3 a. c. G. E. West. tot. 810 kw. 2300 v. 3 ph. 60 cys; 1950 hp. e. Bckye, Allis-C. Mur; 1600 hp. b. Bab. & W., Sterling; trans. volt. 11,000 v; trolley volt. 550 v.
Power sta. and repair shops at 6th & A Sts., Oskaloosa.
9 miles; 4-8½ g; 9 motor pass. cars, 2 trail pass. cars and 3 other motor cars; 1 other car. (Company furnishes energy for lighting and power in Oskaloosa, Town of Beacon, New Sharon and Montezuma.) ★127

OTTUMWA. 25,000 (1917).

323—Ottumwa Ry. & Light Co.—Office, 205 E. Second St. (Controlled through stock ownership by Standard Gas & Elec. Co., and operated by H. M. Byllesby & Co., Chicago, Ill.)
Pres. A. S. Huey.....Chicago, Ill.
1st V. Pres. H. M. Byllesby... "
2d V. Pres. F. C. Gordon..... "
Sec. R. J. Graf..... "
Treas. J. J. O'Brien..... "
Audr. Crad Brazel.....Ottumwa
Gen. Mgr. Chas. E. Fahrney..... "
Supt. Ry. F. Isaacson..... "
Elec. Engr. W. D. Farrell..... "
Ch. Engr. Pwr. Sta.
H. T. Yust..... "
M. M., F. Weirsmith..... "
Roadmaster, H. H. Ramsey..... "
Power sta. equip. 2 d. c. W. E. tot. 700 kw; 4 a. c. W. E. tot. 1100 kw. 3 ph. 60 cys; 2500 hp. e. Fulton, G. E. Skinner, Allis-C, Ham, Ball; 1830 hp. b. Stir; trans. volt. 33,000 v; trolley volt. 550 v.
Power sta. and repair shop at Ottumwa.
13 miles; 4-8½ g; 33 motor pass. cars and 10 other motor cars. (Company does lighting and power and steam heating business). ★18

PERRY. 4,680.
(See No. 313.)

SIOUX CITY. 47,828.

324—Sioux City, Crystal Lake & Homer Elec. Ry. Co.—Office, Dakota City, Neb. (Connects Sioux City, Ia., South Sioux City and Dakota City, Neb.)
Pres. Riley Howard..... } Dakota
1st V. Pres., Claim & } City, Neb.
Pur. Agt. Ira Howard..... "
*2d V. Pres., Audr., Gen. Mgr., Gen. Fgt. & Pass. Agt. & Ch. Engr. Stephen Howard..... "
Sec. Wilber Howard..... "
Treas. Bank of Dakota City... "
Park Mgr. T. F. Lacey.....Sioux City
Purchases energy from Sioux City Service Co.; repair shops at Dakota City.
Reaches Crystal Lake Park.
4 miles; 4-8½ g; 2 motor and 4 other cars. 127

325—Sioux City Service Co.—Office 414-416 Fifth St. and 3rd & Water Sts.
Pres. R. J. Dunham,
208 S. La Salle St., Chicago, Ill.
V. Pres. H. A. Chetham,
Union Stock Yards, " "
Sec. & Treas. J. Henry Ricker..Sioux City
Audr. Elmer Larson..... "
*Gen. & Park Mgr. E. L. Kirk.. "
Supt. H. M. Benson..... "
Supt. Ht., Lt. & Pwr.
L. R. Crawford..... "
Pur. Agt. H. B. Gregory..... "
Ch. Engr. Pwr. Sta. M. W. Lake "
M. M., C. M. Feist..... "
Roadmaster, Jno. Ward..... "
Power sta. equip. 4 d. c. Westg, G. E. tot. 3200 kw; 6400 hp. e. Allis-C. Fulton, S. C; 4000 hp. b. Stir; trolley volt. 550 v.
Power sta. and repair shop between 2d and 3d Sts. on Water St.
Controls Riverside Park.
53 miles: 4-8½ g; 78 motor and 35 other cars. (Co. does lighting and power business.) 18

TOLEDO. 1,626.

326—Iowa Ry. & Lt. Co.—Office, Toledo. See Cedar Rapids.
Local Mgr. J. P. Walters.....Toledo
Power sta. equip. 1 mo. gen. set G. E. 125 kw; 1 a. c. West. 75 kw. 2300 v. 3 ph. 60 cys; 325 hp. e. Ideal, Ball; 400 hp. b. Frost & Hillman; trolley volt. 600 v.
Owns Base Ball Park and reaches Chautauqua Park.
3 miles; 4-8½ g; 5 motor and 11 other cars. 127

WATERLOO. 26,698.

327—Waterloo, Cedar Falls & Northern Ry. Co.—Office, Waterloo. (Connects Waterloo, Cedar Rapids, Cedar Falls, Waverly, Center Point, La Porte City, Denver, Gilbertville, Brandon, Urbana, Farmer, La Fayette, and Robins.)
Pres. L. S. Cass.....Waterloo
V. Pres. J. F. Cass..... "
Sec. F. E. Farwell..... "
Treas. & Audr. W. H. Burk.... "
*Gen. Mgr. C. D. Cass..... "
Supt. M. A. Welsh..... "
Gen. Fgt. & Pass. Agt.
C. M. Cheney..... "
Pur. Agt. F. McDonald..... "
Tr'v'lg Fgt. & Pass Agt.
R. T. Guernsey.....Cedar Rapids
Asst. Gen. Fgt. & Pass Agt.
Geo. A. Smith..... "
Ch. & Consit. Engr. T. E. Rust..Waterloo
M. M., W. G. Lamb..... "
Engr. Ovhd. Constr.
A. I. Woodring..... "
Power sta. equip. 2 a. c. Allis-C. tot. 3000 kw. 2300 v. 3 ph. 25 cys; 1500 hp. b. Bab. & W; 3000 kw. stm. turb. Allis-C; transm. volt. 44,000 v; trolley volt. 1300-650 v.
Power sta. and repair shops at Waterloo. Controls Electric Park and Hotel.
135 miles (electric and steam); 4-8½ g; 235 cars (electric and steam), 8 elec. locos, 4 steam locos. Furnishes energy for lighting and power. ★127

KANSAS.

ATCHISON. 16,429.

328—Atchison Ry., Lt. & Pwr. Co.—Office, 427 Commercial St. (Part of Illinois Traction System.)
Pres. Wm. B. McKinley...Champaign, Ill.
V. Pres. Ex. H. E. Chubbuck. Peoria, Ill.
V. Pres. Geo. M. Mattis..Champaign, Ill.
Sec. T. B. Macaulay.....Montreal, Can.
Treas. W. H. Carnahan...Champaign, Ill
Audr. W. C. Glover.....Topeka
Asst. Gen. Mgr. A. M. Patten.... "
Gen. Supt. J. W. Waggener.....Atchison
Supt. Elec. & St. Ry. Dept.
W. G. Miller..... "
Pur. Agt. H. J. Vance.....Peoria, Ill.
Ch. Engr. Pwr. Sta.
Henry F. Bryant.....Atchison
M. M. Jas. Compton..... "
Power sta. equip. 4 d. c. G. E., West. tot. 800 kw; 4 a. c. G. E., West. tot. 1100 kw. 3 ph. 60 cys; 1800 hp. e. Wms., S. C., Ham; 1600 hp. b. Frmn., Spgf., Heine; 500 kw. stm. turb. G. E; trolley volt. 575 v.
Power sta. and repair shop at Atchison.
Reaches Jackson Park and Reisner Park and controls Forest Park, 55 acres.
9.84 miles; 4-8½ g; 19 motor pass. cars and 3 other motor cars; 2 other cars. (Company furnishes power and light.) ★18

BONNER SPRINGS. 1,462.

329—Kansas City, Kaw Valley & Western Ry. Co.—Office, Bonner Springs. (Connects Kansas City, Edwardsville, Bonner Springs, Linwood and Lawrence; will extend to Topeka.)
Pres. K. D. Klemm, 1012 Commerce Bldg., Kansas City, Mo.
*V. Pres., Gen. Mgr. & Pur. Agt. W. R. Taylor, Bonner Springs
Sec. & Treas. E. S. Bigelow 1st Nat'l Bk Bldg., Kansas City, Mo.
Traffic Mgr. J. D. Cornell 1st Nat'l Bk. Bldg., Kansas City, Mo.
Ch. Engr. J. L. Moss Bonner Springs
Energy purchased from Munic. Plant in Kansas City, Kans.
Repair shop, Bonner Springs.

70 miles projected; 40 miles in operation; 4-8½ g; 9 motor pass. cars and 5 other motor cars; 10 other cars, and 2 elec. locos. ★127

COFFEYVILLE. 12,687.

(See also No. 347.)

330—The Union Traction Co.—Office, Coffeyville. (Operates in Coffeyville and Independence, and interurban lines between Coffeyville, Independence, Cherryvale and Parsons, and Coffeyville and Nowata, Okla.)
Pres. & Gen. Mgr.
D. H. Siggins.....Coffeyville
V. Pres. Willis B. Priestley
Bartlesville, Okla.
Sec. H. A. Siggins.....Warren, Pa.
Treas. S. Q. Smith..... " "
*Supt. John Yates.....Coffeyville
Elec. Engr. L. L. Francis..Independence
Engr. Pwr. Sta.
Earl Pagett..... "
M. M., S. P. Armstrong.....Coffeyville
Power sta. equip. 4 a. c. Westg. tot. 1700 kw. 380 v. 5 ph. 25 cys; 2600 hp. e. (gas), Westg; trans. volt. 22,000 v; trolley volt. 650 v. Will purchase energy from Kansas Gas & Elec. Co. for operation of system from Parsons, Kans., to Nowata, Okla.
Power sta. at Independence; repair shops at Coffeyville.
Reaches Silurian Springs and Forest Park.
86.50 miles; 4-8½ g; 27 motor cars and 12 other cars. (Co. does some ltg. in Delaware and Lenapah, Okla.) ★87

COTTONWOOD FALLS. 899.

(See No. 343.)

EMPORIA. 10,300 (1913).

331—The Kansas Electric Utilities Co. (Emporia Div.)—For general officers see Lawrence.
Ch. Engr. Pwr. Sta.
Geo. Reeder.....Emporia
Shop Foreman, H. C. Farris.... "
Pwr. sta. equip. 3 a. c. G. E, Allis-C. tot. 1010 kw. 2300 v. 3 ph. 60 cys; 1500 hp. e. Erie City, Allis-C, Bckye; 1200 hp. b. Bab & W, R. & F; 500 hp. stm. turb. Allis-C; trolley volt, 600 v.
Power sta. and repair shop, Emporia.
Reaches amusement park.
5 miles; 4-8½ g; 5 motor cars and 4 trailers. 67

FORT SCOTT. 10,463.

(See also No. 540.)

332—Ft. Scott Gas & Elec. Co.—Office, 10-12 E. Wall St. (Controlled and operated by the Light & Development Co. of St. Louis, Mo.)
Pres. H. Wurdack.....St. Louis, Mo.
V. Pres. D. Hudson.....Ft. Scott
Sec. Horace W. Beck.....St. Louis, Mo.
Treas. E. M. Kurtz..... "
Audr. P. G. Wallof..... "
Gen. Mgr. A. L. Abington. "
Pur. Agt. Phil. Ziegenfuss. "
Ch. Engr. S. W. Abington.....Fort Scott
Roadmaster, H. Ewing..... "
Power sta. equip. 2 d. c. G. E. tot. 200 kw; 2 a. c. G. E. tot. 1000 kw. 2300 v. 3 ph. 60 cys; 750 hp. b. Heine; 1000 kw. turb. (stm.) G. E; trans. volt. 2300 v; trolley volt. 550 v.
Power sta. and repair shop at Stanton St.
Owns Athletic Park and reaches Fern Lake Park.
7 miles; 4 g; 5 motor cars. Company furnishes lighting and power. 127

HUTCHINSON. 16,364.

(See also No. 345.)

333—The Hutchinson Inter-Urban Ry. Co.—Office, 303 N. Main St., Hutchinson.
Pres. Emerson Carey.....Hutchinson
V. Pres. L. A. Bunker..... "
Sec. J. Lee Dick..... "
Treas. Howard J. Carey..... "
*Gen. Mgr. & Pur. Agt.
James E. Humbert..... "
Roadmaster R. S. Murray..... "
Engr. Ovhd. Constr.
D. T. Taylor..... "
Purchases energy from The United Wtr., Gas & Elec. Co.; trolley volt. 575 v.
Repair shop, rear of 303 N. Main St.
Reaches Riverside Park, State Fair Grounds, Stevens Park and Swimming Pools.
14 miles; 4-8½ g; 19 motor and 7 other cars. 67

INDEPENDENCE. 10,480.

(See No. 330.)

IOLA. 9,032.

334—Iola Elec. R. R. Co.—Office, Iola (Connects Iola, Gas City, La Harpe and Bassett.)
Pres. Geo. W. Baumhoff
R.F.D. No. 13, Kirkwood, Mo.
*V. Pres., Gen. Mgr.,
Claim & Pur. Agt. L. E. Lanigan...Iola
Sec. C. B. Spencer..... "
Treas. Thos. H. Bowlus..... "
Ch. Engr. Pwr. Sta. A. G. Paugh.... "
M. M. Geo. S. Thornton..... "
Roadmaster, Wm. McFarland..... "
Power sta. equip. 3 d. c. Walker, West. tot. 500 kw; 690 hp. e. Rus, Ridg; 300 hp. b. Heine; trolley volt 550 to 600 v.
Power sta. and repair shop, 2 miles east of city on Rock Creek (no P. O.).
Reaches parks in Iola, Gas City and La Harpe owned by company.
10.5 miles; 4-8½ g; 7 motor and 2 other cars. Co. does ltg. in Gas City and La Harpe and furnishes energy for motors and fans. 67

JUNCTION CITY. 5,596.

335—Union Light & Power Co.—Office, Junction City. (Connects Junction City and Ft. Riley.)
Pres. F. E. Tyler
Scarritt Bldg., Kansas City, Mo.
V. Pres. & Sec. R. O. Thomen
Junction City
*Treas. W. A. Scothorn... " "
M. M., W. D. Pearce..... " "
Power sta. equip. 1 d. c. West. 200 kw; 3 a. c. Westg. tot. 700 kw. 2300 v. 3 ph. 60 cys; 1500 hp. e. Strait; 1200 hp. b. Kew; 750 kw. turb. (stm.) Allis-C; trans. volt. 33,000-2300 v; trolley volt. 575 v.
Power sta. and repair shops at Junction City.
5.5 miles; 4-8½ g; 7 motor cars and 1 other car. (Company does a general lighting business.) 57

KANSAS CITY. 82,331.

(See also No. 536.)

336—Kansas City, Lawrence & Topeka R. R. Co.—General office, 308 Victor Bldg., Kansas City, Mo. (Connects Kansas City, Rosedale, South Park, Merriam, Hockers Grove, Shawnee, Monravia, Aldens, Golf Links, Zarah and E. Zarah.)
Pres. & Pur. Agt.
F. P. Dickson.....Kansas City, Mo.
V. Pres. D. B. Johnson.....Merriam
Sec. & Treas. R. W. Hocker,
Kansas City, Mo.
*Supt. W. K. Paul,
P. O. Box 366 " "
Power sta equip. 2 d. c. Burke, tot. 400 kw; 500 hp. e. (gas) Weber; trolley volt. 550 v.
Power sta. and repair shops, Merriam.
Reaches Hockers Grove (controlled) Shawnee, and East Zarah.
12 miles; 4-8½ g; 10 motor and 2 other cars. (Expects to build 52 single-track

miles of interurban line between Zarah and Topeka during 1918.) ★127

337—The Kansas City-Western Ry. Co.—Office, 303 Delaware St., Leavenworth, Kans. (Operates suburban and Leavenworth city lines.) (Connects Kansas City, Kan., Kansas City, Mo., and Leavenworth.)
Pres. C. F. Holmes.....Kansas City, Mo.
V. Pres. —— —— .... " " "
Sec. & Treas.
S. D. Hutchings..... " " "
*Audr. E. V. Henderson....Leavenworth
Gen. Supt. & Pur. Agt.
J. J. Herrin..... "
Claim Agt. & Asst. Supt.
Jno. M. Sheehan..... "
Gen. Fgt. Agt. W. G. Holmes
Kansas City, Mo.
Elec. Engr. John Hull.....Leavenworth
Energy purchased from The Kansas City Rys. Co., Kansas City, Mo.; trans. volt. 33,000 v; trolley volt. 600 v.
Sub-stas. at Chelsea, Wolcott and Leavenworth, and repair shops at Wolcott.
45 miles; 4-8½ g; 42 motor, 12 freight cars. ★127

LAWRENCE. 12,374.

338—The Kansas Electric Utilities Co.—General office, 710 Schwind Bldg., Dayton, O. (Successor to Parsons Ry. & Lt. Co., Emporia Ry. & Lt. Co. and Lawrence Ry. & Lt. Co.) (Owns all capital stock of Sidney (O.) Elec. Co., Union City (Ind.) Elec. Co. and United Ltg. Co., of Albion, Pa. Operated by the Albert Emanuel Co., New York, N. Y.)
Pres. Albert Emanuel
61 Broadway, New York, N. Y.
V. Pres. Irving Hill.....Lawrence
Sec. R. F. Rice..... "
Treas. & Pur. Agt. L. A. Pettit, Jr.
61 Broadway, New York, N. Y.
Audr H. T. Lause..... " "
Ch. Engr. W. B. Milligan..... " "
Mgrs. { J. T. Skinner.....Lawrence
Morris Dunsworth.....Emporia
W. T. Neligh.....Parsons
LAWRENCE DIV:
Energy purchased from Bowersock Mills & Pwr. Co.; trolley volt. 600 v.
Reaches and controls Woodland Park.
10 miles; 4-8½ g; 14 motor cars, 3 trailers and 1 work car. (Company does general lighting and power business.) ★18†

LEAVENWORTH. 19,363.

(See No. 337.)

MANHATTAN. 7,000 (1911).

339—Manhattan City & Interurban Ry. Co.—Office, 216 Yuma St. (Connects Manhattan and Fort Riley.)
*Pres. W. R. West.....Manhattan
V. Pres. I. H. Hershey.....Olathe
Sec. W. L. Rude.....Manhattan
Treas., Gen. Mgr. & Pur.
Agt. Jos. T. West..... "
Ch. Engr. & Engr. Pwr. Sta.
T. S. Waller..... "
M. M., J. J. Lamont..... "
Power sta. equip. 1 d. c. Elec. Mchy. 200 kw; 2 rot. conv. West. tot. 400 kw; 250 hp. e. Minpl; 250 hp. b. Bros; trolley volt. 550 v.
Power sta. and repair shops at Manhattan.
Reaches Eureka Electric Park.
20 miles; 4-8½ g; 7 interurban motor pass. cars and 5 city motor pass. cars, 2 trailers and 2 other cars. ★127

OAKLAND. 1,465.

(See No. 344.)

PARSONS, 12,463.

340—The Kansas Electric Utilities Co. (Parsons Div.)—For general officers see Lawrence.
Supt. J. E. Webb.....Parsons
Ch. Engr. Pwr. Sta. D. H. Tucker "
Roadmaster, C. E. Klag..... "
Power sta. equip. 1 d. c. Allis-C. 200 kw; 3 a.c. Allis-C tot. 1100 kw. 2200 v. 3 ph. 60 cys; 1600 hp. e. (stm. & gas) Twin City Cpr, Cor, Allis-C; 500 hp. b. English; trolley volt. 550 v.
Pwr. sta. and repair shops, Parsons.
7.5 miles; 4-8½g; 11 motor cars.
67

PITTSBURG. 14,755.

341—Joplin & Pittsburg Ry. Co.—Office, First Nat. Bank Bldg., Kansas City, Mo. and Pittsburg, Kan. (Acquired and consolidated the Pittsburg & Kansas City Ry., the Girard Coal Belt Elec. Ry. Co. and the Pittsburg Ry. & Lt. Co.) (Connects Frontenac, Pittsburg, Chicopee, Fleming, Weir City, Scammon, Columbus, W. Mineral, Knivetown, Radley, Dunkirk, Franklin, Girard; Croweburg, Arma, Mulberry and Cherokee in Kansas, and Joplin, Chitwood, Carl Jct., Waco and Asbury in Missouri.)
Pres. J. J. Helm.....Kansas City, Mo.
V. Prests. { J. W. Ground " "
O. C. Snider " "
Sec. & Treas.
Jno. A. Prescott... ... " "
Audr. E. S. Bigelow.... " "
Traffic Mgr. J. D. Cornell " "
*Gen. Mgr. & Pur. Agt.
Wm. A. Satterlee.....Pittsburg
Supt. & Claim Agt. Jno. Fennimore "
Com'l. Agt. C. D. Smythe..... "
M. M., M. Miers..... "
Roadmaster, John Cotter..... "
Power sta. equip. 6 d. c. S. & H, Bull. G. E. tot. 1700 kw; 4 a. c. rot. Westg. tot. 1200 kw. 3 ph. 25 cys; 2550 hp. e. Rus. Reliance, Slater; 2025 hp. b. Heine; trans. volt. 33,000 v; trolley volt. 600 v.
Power stas. Pittsburg, Scammon and Franklin, Kans., and Asbury, Mo., and Turkey Creek (No P. O.); energy also purchased from Spring River Pwr. Co.; repair shop at Pittsburg.
102.5 miles; 4-8½ g; 53 motor pass. cars and 9 other motor cars; 68 other cars. ★127

ROSEDALE. 5,900.

(See Nos. 336, 536 and 537.)

SALINA. 9,688.

342—Salina Street Ry. Co.—Office, 904 Park St., Salina.
Pres. H. C. Smither
710 W. Ash St., Salina
V. Pres. Joseph Duncan..... "
*Sec., Treas., Gen. Mgr., Claim & Pur. Agt. W. E. Smither..... "
Engr. Ovhd. Constr.
Oscar Larson..... "
Energy purchased from The Salina Lt. Pwr. & Gas Co.; trolley volt. 575-550 v.
Reaches park and University; also cemetery and country club.
11 miles; 4-8½ g; 9 motor cars and 1 other car. ★18

STRONG CITY. 1,019 (1914).

343—Consolidated St. Ry. Co.—Office, Cottonwood Falls. (Connects Cottonwood Falls and Strong City.)
Pres. W. C. Harvey.....Strong City
V. Pres. Geo. W. Crum..... " "
*Sec. W. W. Austin... Cottonwood Falls
Treas. Mary L. Rockwood " "
Gen. Mgr. & Pur. Agt.
W. F. Rockwood.....Strong City
2 miles (horse): 3-6 g: 3 cars. (Contemplates electrification.) 67

TOPEKA. 43,684.

344—The Topeka Ry. Co.—Office, 12th and Jackson Sts. (Part of The Illinois Traction System.) (Connects Oakland, Highland Park and Topeka.)
Pres. W. B. McKinley....Champaign, Ill.
V. Pres. Ex. H. E. Chubbuck...Peoria, Ill.
V. Pres., Treas. & Asst. Sec.
Geo. M. Mattis.....Champaign, Ill.
Sec. E. A. Macnutt.....Montreal, Que.
Audr. W. C. Glover.....Topeka
Asst. Gen. Mgr. A. M. Patten.... "
Supt. H. W. Patten..... "
Claim Agt. E. H. Rowell..... "
Pur. Agt. H. J. Vance.....Peoria, Ill.
M. M., S. T. French.....Topeka
Roadmaster, J. H. McCahan.... "
Purchases energy from The Topeka Edison Co.; trans. volt. 6600 v; trolley volt. 600 v.
Repair shops 12th & Jackson Sts.
Reaches Garfield and Gage Parks.
41.233 miles; 4-8½ g; 55 motor and 36 other cars. ★127

WICHITA. 70,000.

345 — Arkansas Valley Interurban Ry. Co.—Office, 120 W. 1st St. Wichita. (Connects Wichita, Valley Center, Sedgwick, Halstead, Newton, Burrton & Hutchinson.)
Pres. Geo. Theis, Jr.....Wichita
V. Pres. & Gen. Mgr.
Chas. H. Smyth..... "
Sec., Asst. to Pres. & Claim Agt.
R. B. Campbell..... "
Treas. W. E. Brown.....Augusta
*Audr. H. M. Dobbin.....Wichita
Supt. & Pur. Agt.
F. A. Gallagher..... "
Traffic Mgr. F. C. Mayer..... "
M. M. & Engr. Ovhd. Constr.
Chas. W. Geiger..... "
Purchases energy from Kansas Gas & Elec. Co.; 6 motor-gen. Allis-C., G. E. tot. 800 kw; trans. volt. 60,000 v; trolley volt. 600 v.
Repair shops at Wichita.
Owns and reaches Walnut Grove Park, 60.67 miles; 4-8½ g; 17 motor and 5 other cars. ★127

346—Wichita R. R. & Lt. Co.—Office, So. Main St. (Part of Illinois Traction System.)
Pres. W. B. McKinley....Champaign, Ill.
V. Pres. Ex. H. E. Chubbuck..Peoria, Ill.
V. Pres. Geo. M. Mattis..Champaign, Ill.
Sec. E. A. Macnutt..Montreal, Que., Can.
Treas. Edw. Woodman....Portland, Me.
Asst. Treas. W. H. Carnahan Champaign, Ill.
Audr. W. C. Glover.....Topeka
Pur. Agt. H. J. Vance..... Peoria, Ill.
Asst. Gen. Mgr. A. M. Patten.....Topeka
Supt. C. R. Lewis.....Wichita
Attys. Harris & Harris..... "
Ch. Engr. D. I. Hayworth..... "
M. M. Jas. Lawhorn..... "
Purchases energy from Kansas Gas & Elec. Co.
Repair shops, 10th & Wichita Sts.
Reaches Wonderland Park.
33.6 miles; 4-8½ g; 80 motor and 10 other cars. ★127

WINFIELD. 6,700.

347 — Southwestern Interurban Ry. Co.—Office, Coffeyville. (Operates in Winfield and Arkansas City and connects these towns.)
Pres., Gen. Mgr. & Pur. Agt.
D. H. Siggins.....Coffeyville
1st V. Pres. & Treas.
H. M. Preston.....Tulsa, Okla.
2d V. Pres.
W. H. Summermier.....Winfield
*Sec., Supt. & Claim, Fgt. & Pass. Agt. E. Kirkpatrick..... Arkansas City
Ch. Engr. Pwr. Sta.
Frank Otis..... " "
M. M. & Engr. Ovhd. Constr.
Frank Morse.....Winfield
Engr. M. of W., W. H. Walker..Winfield
Power sta. equip. 2 d. c. Westg. tot. 500 kw; 600 hp. e. Murray; 450 hp. b. Murray.
Power sta. at Hackney; repair shops at Winfield.
35 miles; 4-8½ g; 7 motor cars and 1 other car. 127

KENTUCKY.

ASHLAND. 8,688.
(See No. 1190.)

BOWLING GREEN. 9,173.

348—Southern Traction Co., Inc.—(In 1917, property sold under foreclosure to Cal Hirsch & Sons, St. Louis, Mo.)
Pres. Chas. Roemer.....Bowling Green
*V. Pres. J. S. Lewis..... "
Sec. P. C. Jessee..... "
Treas. Jos. W. Ford..... "
Gen. Mgr. — — ..... "
Purchases energy from Kentucky Public Service Co.; trans. volt. 2300 v; trolley volt. 550 v.
Repair shop at Delafield (no P. O.).
4.5 miles; 4-8½ g; 6 motor cars and 1 other car. ★127j

CATLETTSBURG. 3,520
(See No. 1190.)

COVINGTON. 53,270.

349—Cincinnati, Newport & Covington Lt. & Trac. Co.—General office, Newark, N. J.; branch office, 1st Natl. Bank Bldg., Cincinnati, O. (This is a holding company and owns the stock of Union Light, Heat & Power Co. The Cincinnati, Newport & Covington Ry. Co., which in turn owns the stock of The So. Covington & Cincinnati St. Ry. and other subsidiary lines. All stocks are leased to Columbia Gas & Elec. Co.)
Pres. James M. Hutton.... Cincinnati, O.
V. Pres.
Clifford P. Garvey..... " "
*Sec. & Treas. G. M. Abbott " "
★127

350 — The Cincinnati, Newport & Covington Ry. Co. and The South Covington & Cincinnati St. Ry. Co.—(The Cincinnati, Newport & Covington Lt. & Trac. Co. owns the stock of The Cincinnati, Newport & Covington Ry., which in turn owns the stock of The South Covington & Cincinnati St. Ry. Co. and other subsidiary lines operated in conjunction therewith.) (Extension known as Cincinnati, Covington & Erlanger Ry (under constrnction) completed to Lexington Pike, 6 miles.)
Pres. W. W. Freeman.....Covington
V. Pres. W. Y. Cartwright..... "
*Sec. & Treas. Polk Laffoon... "
Compt. T. F. Wickham..... "
Claim Agts. A. W. Bower..... "
E. W. Fitzgerald..... "
Pur. Agt. C. J. Baner, 4th and Plum Sts., Cin., O.
Elec. Engr. C. W. DeForest....Covington
Gen. Supt. Wm. H. Harton, Jr. "
Supt. Transp. P. P. Lillard.... "
M. M. Frank W. Wampler..... "
Roadmaster, K. B. Norman.... "
Engr. Ovhd. Constr.
W. W. Tripp..... "
Power sta. equip. 5 d. c. Westg. tot. 3300 kw; 4 a. c. G. E. tot. 4100 kw. 4500 v. 3 ph. 60 cys; 10,000 hp. e. Cpr, Bckye, Cleveland; 5000 hp. b. Stir; trans. volt. 2300 v; trolley volt. 550 v. Also purchases energy from The Union Gas & Elec. Co., Cincinnati, O.
Power sta. and repair shop at Newport.
Reaches Ludlow Lagoon, Latonia Race Track, Queen City Bathing Beach and Fort Thomas Army Post.

69.42 miles; 5-2½ g; 173 motor and 17 other cars. ★127

FRANKFORT. 10,465.

(See No. 352.)

GEORGETOWN. 4,533.

(See No. 352.)

HENDERSON. 11,452.

351—Henderson Trac. Co.—Office, 235 N. Elm St. (Successor to Henderson City Ry. Co. Operates the Henderson St. Ry. Co.) (Controlled by Evansville Rys. Co.)
Pres. J. H. Lyne.....Henderson
V. Pres. C. C. Tennis.....Pittsburg, Pa.
Sec. & Treas. C. H. Battin Evansville, Ind.
Audr. Geo. W. Wilson..... "
Gen. Mgr. & Pur. Agt.
Wm. A. Carson..... "
Supt. of Transp. E. L. Moore.. "
Local Supt. A. S. Graham.....Henderson
M. Geo. W. Burke....Evansville, Ind.
Energy purchased from municipal plant at Henderson.
Repair shop 453 S. Main St.
Reaches Atkinson and Base Ball Parks and Fair Grounds.
6 miles; 4-8½ g; 16 cars. 127

LEXINGTON. 41,097. (1916).

352—Kentucky Traction & Terminal Co.—Office, 156 60 West Main St., Lexington. (Owned by Kentucky Securities Corporation of Phila., Pa.) (Operates interurban lines between Lexington, Versailles, Frankfort, Georgetown, Nicholasville and Paris, and operates city lines in Paris, Frankfort, Winchester and Georgetown.)
Pres. Percy M. Chandler
Franklin Bank Bldg., Philadelphia, Pa.
V. Pres. F. W. Bacon..... "
Sec. T. D. Murray.....Lexington
Treas. J. Will Stoll..... "
Audr. L. F. Rye..... "
*Gen. Mgr. S. H. Dalley..... "
Supt. Transpt. Henry Bush..... "
Claim Agt. Wallace Muir..... "
Gen. Fgt. Agt
J. J. Bonfield..... "
Pur. Agt. G. S. Anderson..... "
Ch. Engr. & Park Mgr.
Geo. MacLeod..... "
Elec. Engr. J. P. Pope..... "
Supt. Production,
A. A. Robertson..... "
M. M., W. G. Stuck..... "
Roadmaster,
J. H Kearney..... "
Pwr. sta. equip: 1 d. c. G. E. 75 kw; 3 a. c. turbo-gen. G. E. Allis-C. tot. 900 kw. 4000 v. 3 ph. 60 cys; 3000 hp. b. Edge., Bab. & W; trans. volt. 33,000 v; trolley volt. 600 v.
Pwr. sta. and repair shops, Lexington.
Owns Blue Grass Park.
96.7 miles; 4-8½ g; 64 motor pass. cars and 6 other motor cars; 10 other cars. ★127

LOUISVILLE. 223,928.

(See also Nos. 285, 286, 290, 360, 525 and 1070.)

353—Louisville & Interurban R. R. Co.—Office, 316 W. Jefferson St. (Connects Prospect, Jeffersontown, Valley Sta., Fern Creek and Oklona; Louisville, Anchorage, Pewee, Crestwood, La Grange, Middletown, Lakeland, Eastwood, Long Run, Simpsonville, Scott's Sta. and Shelbyville.) (Controlled by Louisville Ry. Co.)
*Pres. & Gen. Mgr. T. J. Minary 316 W. Jefferson St.
V. Pres. Alex. P. Humphrey Realty Bldg.
Sec. & Treas. Sam'l G. Boyle 316 W. Jefferson St.
Audr. of Receipts,
H. H. Bullitt..... " "
Supt. of Transpt.
Sam'l Riddle..... " "
Gen. Fgt. & Pass. Agt.
R. H. Wyatt.....Brook & Green Sts.
Pur. Agt. E. B. Allen 316 W. Jefferson St.
Elec. Engr. F. H. Miller " "
Roadmaster, H. C. DeVoe " "
Energy from Campbell St. Plant of the Louisville Ry. Co.; trans. volt. 13,200 v; trolley volt. 600 v.
Sub stas. at Marcia, Buckner, Eastwood, Scotts and Jeffersontown.
101.8 miles; 4-8½ g. (12.3 mi.) & 5 g; 24 motor and 7 trail cars; 12 express cars. 127

354—Louisville Ry. Co.—Office, 316 W. Jefferson St. (Controls Louisville & Interurban R. R.)
Pres. & Gen. Mgr. T. J. Minary } 316 W. Jefferson St.
V. Pres. & Gen. Counsel, Alex. P. Humphrey.....Realty Bldg.
Sec., Treas. & Audr. Sam'l G Boyle..... } 316 W. Jefferson St.
Pur. Agt. E. B. Allen..... "
Gen. Supt. & Claim Agt.
J. T. Funk..... "
Supt. Transpt. Sam'l Riddle... "
Supt. Ways & Car Equip.
T. H. Minary..... "
Supt. of Motive Pwr.
F. H. Miller.....Campbell & Jacob Sts.
Asst. Supt. of Way & Structures,
C. L. Christopher...18th & Walnut Sts.
Supt. of Elec. & Stm. Equip.
H. W. Wischmeyer Campbell & Jacob Sts.
Supt. of Wires & Cables
C. O. Seaton.....316 W. Jefferson St.
Master Mechanic
John Zoll.....29th & Garland Aves.
Power sta. equip. 5 d. c. G. E. tot. 4800 kw; 6 a. c. Westg. tot. 21,800 kw. 13,200 v. 3 ph. 25 cys; 11,250 hp. c. Allis-C; 18,000 hp. b. Bab. & W; 18,500 kw. stm. turb. West; trans. volt. 13,200 v; trolley volt. 600 v. d. c.
Power stas. Campbell & Jacob Sts. and 2005 High St.; repair shops at 18th & Walnut Sts. and 29th and Broadway.
Reaches Fontaine Ferry.
150 miles; 5 g; 628 cars, 15 snow plows, 3 sweepers. ★127

MAYSVILLE. 6,141.

356 — Maysville Street R. R. & Transfer Co.—Office, 211 Court St. (Controlled, through ownership of entire capital stock, by Maysville Public Service Co.)
*Pres. & Gen. Mgr.
Horace J. Cochran.....Maysville
Sec. & Treas. R. A. Cochran... "
Supt. Ry. Beecher Holiday..... "
Energy from Maysville Gas Co.; 2 d. c. West. tot. 300 kw; trolley volt. 575 v.
Owns Beechwood Park.
4.5 miles; 4-8½ g; 9 motor cars and 9 other cars. 67

OWENSBORO. 16,011.

357—Owensboro City R. R. Co.—Office, 6th & Breckenridge Sts. (Controlled by Evansville Rys. Co.)
Pres. Wm. A. Koch.....Evansville, Ind.
V. Pres. A. W. Funkhouser. "
Sec. C. H. Battin..... "
Treas. & Gen. Mgr.
Wm. A. Carson..... "
Supt. & Pur. Agt.
G. R. Millican.....Owensboro
M. M., Wm. Tower..... "
Power sta. equip. 2 d. c. G. E. tot. 600

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kw; 700 hp. e. L. & B; 600 hp. b. Atlas; trolley volt. 550 v.
Power sta. and repair shop, Hathaway and 6th Sts.
Reaches Hickman Park, owned by city, and Seven Hills Chautauqua Park, Fair Grounds, Baseball and Shooting Grounds and Fern Hills Coal Mine.
12.5 miles; 4-8½ g; 29 motor cars, 7 trail cars and 21 coal cars. ★127

PADUCAH. 22,760.

359—Paducah Trac. & Lt. Co.—Office, 406 Broadway. (Owns the securities of the Paducah Trac. Co. and the Paducah Lt. & Pwr. Co., which companies do the entire electric railway and the entire gas and commercial electric lighting and power business, and also a steam heating business in Paducah.)
Pres. Frederick P. Royce...Boston, Mass.
V. Prests. { DwightP.Robinson" " / Harry T. Edgar " "
Sec. Alvah K. Todd..... " "
Treas. Henry B. Sawyer.... " "
Gen. Mgrs. Stone & Webster " "
Mgr. A. S. Nichols..... ..... Paducah
Supt. Ry. & Pur. Agt.
J. W. McNeely..... "
Supt. Ltg. Fred. Cloen..... "
M. M., J. E. Lawless ..... "
Roadmaster, C. Bronton..... "
Energy from Paducah Lt. & Pwr. Co.; trolley volt. 525 v.
Car barn and repair shops, Paducah.
Reaches Wallace Park, (owned).
19.1 miles; 4-8½ g; 36 motor pass. cars, 12 trail cars and 3 other motor cars. ★127

PARIS. 5,859.

(See No. 352.)

SHELBYVILLE. 3,412.

(See No. 353.)

SOMERSET. 4,491.

360—Kentucky Utilities Co.—Office, Paul Jones Bldg., Louisville. (Subsidiary of the Middle West Utilities Co.)
Pres. Harry Reid..... Louisville
V. Pres. L. B. Herrington..... "
*Sec. & Treas. A. A. Tuttle.... "
Ch. Engr. G. C. Hyde..... "
Supt. T. J. Spragle.....Somerset
Power sta. equip. 1 d. c. McE; 2 a. c. Warren tot. 210 kw. 2200 v. s. ph. 125 cys; 520 hp. e. Ideal; 600 hp. b. Vogt; trolley volt. 550 v.
Power sta. and repair shops, Somerset.
3 miles; 4-8½ g; 3 motor cars. (Company does lighting and power business.) 127

WINCHESTER. 7,156.

(See No. 352.)

LOUISIANA.

ALEXANDRIA. 11,213.

361—Municipal Street Railway. (City purchased property of Southern Trac. & Pwr. Co.)—Office, Alexandria.
Commr. of Streets & Parks
Irving McGinnis.....Alexandria
*Supt. J. C Rorsdale..... "
Ch. Engr. Ira W. Sylvester.... "
Elec. Engr. C. E. Brister..... "
Power sta. equip. 3 d. c. G. E. West. tot. 510 kw; 600 hp. e. H. F. & M; 400 hp. b. Bab. & W; 160 hp. turb. (wtr.) ——; trans. and trolley volt. 550 v.
Power sta., So. Alexandria; repair shops, cor. Winn and Thorne Sts.
Reaches Kent Park (controlled.)
7 miles; 4-8½ g; 6 motor cars and 3 other cars. ★117

ALGIERS

361a—South New Orleans Lt. & Trac. Co.—Office 222 Elmira Ave. (Successor to Algiers Ry. & Ltg. Co.) (Connects Algiers, Gretna, Harvey, Marrero and McDonoughville.) (Controls the West New Orleans Lt. & Trac. Co.)
*Pres. & Gen. Mgr. E. W. Burgis, Algiers
V. Pres. E. Howard McCaleb
1031 Maison Blanche Bldg., New Orleans
Sec. R. M. Salvant.....Algiers
Audr. C. E. Wermuth..... "
Ch. Engr. H. H. Gibson..... "
Ch. Engr. Pwr. Sta.
& M. M., H. L. McLean...New Orleans
Energy purchased from New Orleans Ry. & Lt. Co.
Repair shop, 222 Elmira Ave.
Reaches Suburban and Crescent Parks.
6.5 miles; 4-8½ g; 9 motor pass. cars, 2 trail pass. cars and 1 other car. (Company furnishes energy for lighting.) ★18

361b—West New Orleans Lt. & Trac. Co.—Office, 222 Elmira Ave. (Controlled by So. New Orleans Lt. & Trac. Co.)
Pres. & Mgr. E. W. Burgis.....Algiers
V. Pres. E. H. McCaleb
1031 Maison Blanche Bldg., New Orleans
Sec. & Treas. R. M. Salvant.....Algiers
Energy purchased.
3 pass. cars and 3 freight cars. §18

BATON ROUGE. 17,500 (1913).

362—Baton Rouge Elec. Co.—Office, 401 Lafayette St. (Does the entire electric railway, electric lighting, power and gas business in Baton Rouge.)
Pres. Harry H. Hunt
147 Milk St., Boston, Mass.
V. Pres. Edw. Godchaux....New Orleans
Sec. Alvah K. Todd.....Boston, Mass.
Treas. Henry B. Sawyer.... "
Gen. Mgrs. Stone & Webster "
Local Mgr. & Pur. Agt.
I. Maxwell Stover.....Baton Rouge
Supt. & Claim Agt.
R. A. Delaroderie..... "
Ch. Engr. Pwr. Sta.
H. R. Sharpless..... "
M. M., A. E. Sommer..... "
Power sta. equip. 3 d. c. G. E. tot. 900 kw; 3 a. c. turbo-gen. G. E tot. 1500 kw. 2300 v. 3 ph. 60 cys; 950 hp. e. H. F. & M, F. & S; 1740 hp. b. Bab. & W, W. & W; trolley volt. 600 v.
Power sta. and car barns at Government St.
6.23 miles; 4-8½ g; 9 motor pass. cars. ★127

COVINGTON. 2,601.

(See No. 364.)

GRETNA. 3,332.

(See No. 361a.)

JEANERETTE. 2,206.

(See No. 366.)

KENNER. 1,253.

(See No. 369.)

LAKE CHARLES. 11,449.

363—Lake Charles Ry. Lt. & Wtr. Wks. Co.—Office, 704 Ryan St.
Pres. J. A. Landry .....Lake Charles
V. Pres. Arsene Pujo..... "
Sec. Paul O. Moss..... "
Treas. D. J. Landry..... "
Audr. J. A. Spaulding..... "
*Mgr H. F. Cameron..... "
Pur. Agt. L. A. Swann..... "
Ch. Engr. Pwr. Sta.
F. A. Bird..... "
Supt. Const. W. B. Collins. "
Fmn. Car Barn T. Stein.... "

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Power sta. equip. 1 d. c. West. 150 kw; 3 a. c. West. tot. 1700 kw. 3 ph. 60 cys; 500 hp. e. F. & S; 1100 hp. b. C. & H; 1400 kw. turb. West; trolley volt. 550 v.
Repair shop at Lake Charles.
Reaches amusement and base ball park.
10 miles; 4-8½ g; 10 motor and 2 other cars. ★127

MANDEVILLE. 1,166.

364—St. Tammany & New Orleans Ry. & Ferry Co.—Office, Mandeville. (Connects Mandeville, Covington and Abita Springs)
Pres. Joseph Birg.....Franklin
V. Pres. & Gen. Mgr.
F. Barilleaux.....Mandeville
Sec. & Treas., Gen. Fgt., Pass. & Pur. Agt. } Covington
T. Garland Moise..... } Mandeville
Elec. Engr. Harold Raymond
Interstate Bldg., New Orleans
Roadmaster G. Lewis.....Mandeville
Pwr. sta. equip.: 2 d. c. Allis-C.; 1 a. c. Allis-C.—kw. 6600 v. 3 ph. 60 cys; Diesel crude oil engines.
Pwr. sta. at Helinberg.
Repair shops at Helinberg and Mandeville.
13.60 miles; 4-8½ g; 3 motor pass. cars, 4 trail pass cars and 4 other motor cars. (Company furnishes energy for lighting.) ★127

MONROE. 10,209.

365—Monroe St. Ry. (Munic.)
Mayor H. D. Apgar (Gen. Mgr.)..Monroe
Sec. D. W. Faulk..... "
*Supt. St. Ry. T. Adams..... "
City Engr. R. Morrison..... "
Power sta. equip: 1 a. c. Westg. 200 kw. 2200-104 v. 2 ph. 60 cys; 300 hp. e. H. F. & M; 1000 hp. b. Stir, Erie; 100 kw. rot. conv. West: trolley volt. 500 v.
Reaches Forsythe Park, owned by City.
10 miles: 4-8½ g; 14 cars. (City also operates elec. ltg. and wtr. system.) 67

NEW IBERIA. 7,499.

366—Southwestern Trac. & Pwr. Co.—Office, Godchaux Bldg., New Orleans. (Connects New Iberia, Oliver and Jeanerette.)
Pres. Jules Godchaux.
221 Godchaux Bldg., New Orleans
V. Pres. Chas. Godchaux
221 Godchaux Bldg., "
Sec. & Treas. Lawrence Blum,
Hibernia Bk. Bldg., "
*Gen. Mgr. & Pur. Agt.,
L. M. Levinson,
New Iberia and Bryan, Tex.
Supt., Ch. Engr. & M. M.
Robt. A. Smith.....New Iberia
Power sta. equip. 1 d. c. G. E.; 450 hp. e H. B. & M.; 500 hp. b. Frmn; trolley volt. 1200 v.
Power sta. and repair shops four miles past New Iberia on line.
14.20 miles; 4-8½ g; 3 motor and 8 other cars. (Line will be extended east and west making a total mileage of 85.) 127

NEW ORLEANS. 339,075.

(See also Nos. 361a and 691.)

368—New Orleans Railway & Light Co.—Office, 201 Baronne St. (Leases the N. O. City R. R. Co., and controls the N. O. & Carrollton R.R. L. & P. Co., St. Charles St. R. R. Co., Orleans R.R. Co., and N. O. & Pontchartrain R.R. Co.) (Controlled by American Cities Co.)
Pres. & Gen. Mgr.
D. D. Curran.....New Orleans
*Sec. Jos. H. DeGrange..... "
Treas. H. A. Ferrandou..... "
Audr. C. B. Murphy..... "
Mgr. Ry. Dept.
Nelson H. Brown.....New Orleans
Claim Agt. Wm. H. Renaud.. "
Pur. Agt. J. R. McGivney... "
Supt. Pwr. J. J. Chisholm... "
Supt. Track, M. V. Houlard.. "
Supt. Distrb. V. L. Willos.. "
Supt. Transp. H. J. Dressel.. "
Supt. Equip. Robt. M. O'Brien
Magazine & Pleasant Sts., "
Commercial Agt. W. E. Clement "
Roadmaster D. W. Jones.... "
Master Mechanics { Jno. M. Dahmer, Magazine & Pleasant Sts., New Orleans; W. Dickerson, Oak & Jeannette Sts.....New Orleans
Power sta. equip. 33 d. c. West. G. E., Walker tot. 28,750 kw: 20 a. c. G. E. West. tot. 14,500 kw. 2300-600 v. 3 ph. 60 cys; 21,266 hp. e. F. & S., Wms. McI. & S. Allis; 31,400 hp. b. Heine. Bab. & W. Edge; 30,500 kw. turb. (stm.) G. E; trans. volt. 6600-2300 v; trolley volt. 575 v.
Power sta. at Market and Water Sts.
Repair shops at Magazine and Pleasant Sts., and Oak and Jeanette Sts.
Owns Spanish Fort (summer resort).
218.15 miles; 4-8½ & 5-2½ g; 584 motor and 108 other cars. Company furnishes lighting. ★127

369—Orleans-Kenner Elec. Ry. Co.
Office, 127 S. Rampart St. (Connects W. Carrolton, Southport, Suburban Acres, Harahan City, Kenner and Hanson City with New Orleans.)
*Receiver Leigh Carroll.....New Orleans
Pres. R. E. L. C. Ries,
State Tax Collector's Office
V. Prest. J. O. Elmer, Whitney Bk. Bldg.
Sec., Treas. & Gen. Mgr.
Harry K. Johnson...127 S. Rampart St.
Elec. Engr. C. K. Lorenz "
Ch. Engr. Pwr. Sta.
G. I. Custer..... "
Engr. Ovhd. Constr.
O. Delahoussaye..... "
Energy purchased from New Orleans Ry. & Lt. Co; 1 rot. conv. West. 400 kw. 1200 v; 3 transf. 6600 v. 3 ph. 60 cys; trolley volt. 1200 v. d. c. catenary.
Sub-sta. and repair shops at Harahan City.
Owns and reaches Felix Park, Kenner.
11.6 miles; 4-8½ g; 4 motor cars and 1 other car. ★18†

SHREVEPORT. 28,015.

370—Shreveport Railways Co.—Office, 519 Marshall St. (Successor to Shreveport Trac. Co.) (Connects Shreveport and Jewella.)
Pres. W. F. Dillon.....Shreveport
V. Pres. W. T. Crawford..... "
Sec. & Treas. W. J. Bayersdorffer "
Audr. Bessie Keagle..... "
*Gen. Mgr. & Pur. Agt.
W. A. Sullivan..... "
Supt. J. W. Robertson..... "
Claim Agt. O. M. McDuff..... "
Ch. Engr. Pwr. Sta. E. W. Denham "
M. M. Gus D. Rushing..... "
Roadmaster, Bert Newsome.... "
Power sta. equip. 2 d. c. G. E. tot. 1500 kw; 2450 hp. e. Ham, H. & T; 1650 hp. b. O'Br, Frmn; trolley volt. 600 v.
Power sta. and repair shop at 200 Market St.
31 miles; 4-8½ g; 42 motor and 4 other cars. 18

MAINE.

AUBURN. 15,064.

(See No. 376.)

AUGUSTA. 13,211.

(See No. 377.)

BANGOR. 24,803.

371—Bangor Ry. & Electric Co.—Office, 84 Harlow St. (Graham Bldg.) (Consolidation of Bangor, Orono & Old

Town Ry. Co., Bangor, Hampden & Winterport Ry., Old Town Electric Co., Public Works Co., Penobscot Water & Power Co., Brewer Water Co. and Bangor & Northern R. R. Co.) (Controls through stock ownership the Bangor Power Co., the Bar Harbor & Union River Pwr. Co. and the Orono Water Co.) (Connects Bangor, Brewer, Old Town, Orono, Veazie, Milford, Hampden, Kenduskeag, Corinth and Charleston.)

Pres. E. C. Ryder.....Bangor
V. Prests. { Gen. Mgr.
Edward M. Graham "
Frank Silliman, Jr.
Philadelphia, Pa.
Sec. & Treas. Howard Corning....Bangor
Audr. C. A. Pearson, Jr..Philadelphia, Pa.
Supt. Ry. C. H. Johnson.....Bangor
Supt. Wtr. H. T. Sparks..... "
*Asst. Mgr. Robert A. Hadden... "
Pur. Agt. Preston Mann..... "
Supt. Coml. Dept. Fred H. Libby. "
Gen. Fgt. Agt. Phillip A. Sprague "
Elec'l Engr. Phifer Smith..... "
Ch. Engr. Pwr. Sta. G. A. Hathorn...Veazie
Roadmaster, D. J. Cullinan.....Bangor

Power sta. equip. 3 d. c. G. E. tot. 525 kw; 4 a. c. G. E. tot. 1520 kw. 3 ph. 60 cys; 1800 hp. e. Bckye., McI. & S. Cor; 1800 hp. b. Stir., Cahall R; 2000 hp. turb. (wtr.) Victor, McC, Hunt, Holmes; trans. volt. 6600 v; trolley volt. 550 v.

Power sta. at Veazie (no P. O.); repair shops at Bangor.

Reaches an amusement park at Hampden (owned).

65.91 miles; 4-8½ g; 56 motor pass. cars and 39 other cars; 3 elec. locos. (Company does a general lighting business in Bangor and vicinity.) ★18

BATH. 9,896.

(See No. 377.)

BETHEL. 1,960.

(See No. 375.)

BIDDEFORD. 17,079.

(See also No. 384.)

372—Biddeford & Saco R. R. Co.—Office, 11 City Square. (Operates between Saco, Biddeford (where connection is made with Atlantic Shore Ry.) and Old Orchard.)

Pres. C. H. Prescott.....Biddeford
*Sec. & Treas. E. F. Lord..... "
Supt. C. M. Durell..... "

Energy purchased.

Sub-sta. at Saco.

8.25 miles; 4-8½ g; 20 motor pass. cars and 4 other motor cars; 3 other cars. ★127

CALAIS. 6,616.

373—Calais Street Ry.—Office, 19 N. St. (Line extends into Canada (3 miles) under the name of the St. Stephen Elec. Ry.) (Connects Calais, Me., and St. Stephen and Milltown, N. B.)

*Pres. Geo. A. Curran.....Calais
Sec., Treas. & Gen. Mgr.
Ben. Y. Curran..... "
Supt. & Ch. Engr. C. F. Pray..... "

Power sta. equip. 2 d. c. G. E. tot. 300 kw; 2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; 200 hp. e. Ball: 200 hp. b. Cungh; 800 hp. turb. (wtr.) Smith; trolley volt. 550 v.

Power sta. and repair shop at Calais.

6.52 miles; 4-8½ g; 8 motor and 2 other cars. (Co. sells energy for motor load in Calais and St. Stephen.) 127

CAMDEN. 3,015.

(See No. 383.)

CARIBOU. 5,377.

(See No. 381.)

FAIRFIELD. 4,485.

(See also No. 386.)

374—Benton & Fairfield Ry. Co.—Office, Fairfield. (Connects Fairfield and Benton Falls.)

Pres. Sidney Mitchell,
171 Madison Ave., New York, N. Y.
*Sec. & Gen. Mgr. Thos. W. Harper
Fairfield
Treas. Gustav Wuerst,
171 Madison Ave., New York, N. Y.
Audr. J. W. Bottcher
171 Madison Ave., " "

Power sta. at Fairfield; repair shops, Benton Falls.

4.8 miles; 4-8½ g; 3 motor and 5 other cars; 1 snow plow. 116

374a—Fairfield & Shawmut Ry.—Office, Fairfield. (Connects Fairfield and Shawmut.)

Pres. & Gen. Mgr. Geo. G. Weeks
Fairfield
Sec. H. D. Eaton..... "
Treas. L. G. Whipple..... "
*Supt. Edw. Prue..... "

Energy purchased from Central Maine Pwr. Co.

3.3 miles; 5-6 g; 3 motor pass. cars and 2 other motor cars. ★127

FREEPORT. 965.

(See No. 377.)

FRYEBURG. 540.

375—Fryeburg Horse R. R. Co.—Office, Fryeburg. (Connects Fryeburg, Stow, Lowell, Stoneham, Albany, Greenwood, Bethel, Brownfield, Hiram, Porter and Cornish.)

Pres. Geo. E. Macomber... .....Augusta
Treas. Emma C. Farrington....Fryeburg
*Gen. Mgr. & Clk. F. R. Fife... "

Reaches W. Oxford Agricultural Society Grounds.

3 miles (horse); 4-8½ g; 6 cars. (Operation suspended.) 18

KENNEBUNK. 3,099.

(See No. 384.)

KENNEBUNKPORT. 2,128.

(See No. 384.)

KITTERY. 2,872.

(See No. 384a.)

LEWISTON. 26,247.

376—Androscoggin Electric Co.—Office, 100 Main St., Lewiston. (Consolidation of Lewiston & Auburn Elec. Lt. Co. and Portland-Lewiston Interurban R. R. (organized as Portland, Gray & Lewiston R. R.) (Connects Portland, Falmouth, Gray, New Gloucester, Auburn and Lewiston.)

Pres. Wm. T. Cobb.....Lewiston
Clk. Josiah H. Drummond,
296 Congress St., Portland
Treas. Frank H. Bradford
Union Mutual Bldg..... "
*Audr. E. J. Thompson,
Union Mutual Building, "
Gen. Mgr. & Pur. Agt
Fred D. Gordon.....Lewiston
Supt. R. H. Stone..... "

Power sta equip. 7 a. c. G. E. tot. 5800 kw. 10,000 & 2300 v. 3 & 2 ph. 60 cys; 1,500 kw. turb. (stm.) G. E; 1036 hp. b. Heine; trans. volt. 10,000 v; trolley volt. 550 v.

Pwr. stas. at Deer Rips, Barker's Mills, Littlefields and Lewiston.

30.76 miles; 4-8½ g; 8 motor pass. cars and 2 other motor cars; 8 other cars and 1 elec. loco. (Co. does general ltg. & pwr. business.) ★127

377—Lewiston, Augusta & Waterville St. Ry.—Office, No. 1 Lisbon St. (Owns and operates city and interurban lines extending from Waterville through Augusta (at which point lines branch to Winthrop and Togus), Gardiner, Sabattus and Lewiston; from Lewiston extends to Lisbon Falls and Topsham to Brunswick, at which point lines extend to Bath on the east and on the west to Yarmouth, where connection is made with the Portland R. R. Co.) (Controlled by the Cumberland County Pwr. & Lt. Co.)

Pres. Wm. M. Bradley.....Portland
1st V. Pres. Frank Silliman, Jr. Phila., Pa.
2d V. Pres. Herbert L. Clark.. "
3d V. Pres. & Gen. Mgr.
A. H. Ford.....Portland
Treas. & Clerk, C. F. Berry..... "
Asst. } C. A. Pearson, Jr.... Phila., Pa.
Treasrs. } G. E. Fitz.....Portland
Asst. Gen. Mgr. Alfred Sweeney "
Pur. Agt. E. M. Stuart..... "
Gen. Fgt. Agt. F. E. Wood..... "
Asst. Fgt. Agt. R. E. Halliday..Lewiston
Gen. Supt. G. W. Bowie..... "
Ch. Engr. G. C. Estill.....Portland
Elec. Engr. F. W. Emery.....Lewiston
M. M., C. H. Nottage..... "
Supt. Track, G. C. Welsh..... "

Power sta. equip. 2 d. c, Cor. A. & S. tot. 500 kw; 1 a. c. West. 300 kw. 350 v. 3 ph. 25 cys; 1350 hp. e. Cor, Rus, West; 1150 hp. b. Bab. & W, A. & T, Charles River Iron Wks, Kendall; trans. volt. 11,000-19,000 v.; trolley volt. 600 v. Energy purchased.

Power stas. at Hallowell and Freeport; repair shops, Lewiston, Bath, Augusta and Freeport.

Owns Lake Grove Park, Auburn, and Island Park, Augusta.

165.653 miles; 4-8½ g; 101 motor pass. cars and 40 other motor cars; 53 other cars. (Co. does lighting and power business in Freeport.) ★18

NORWAY. 3,002.

378—Oxford Elec. Co.—Office, Norway. (Formerly Norway & Paris St. Ry. Co. Connects Norway & So. Paris.) (In March 1916, purchased the Mechanic Falls Elec. Lt. Co.) (Controlled by Maine Rys. Lt. & Pwr. Co.)

Pres. Wm. T. Cobb.....Lewiston
Clk. Josiah H. Drummond.....Portland
Treas. F. H. Bradford..... "
Audr. E. J. Thompson..... "
Gen. Mgr. Fred D. Gordon. ....Lewiston
Supt. & Pur. Agt. H. B. Young..Norway

Power sta. equip. 2 d. c. T.-H. tot. 124 kw. 500 v; 5 a.c. G. E, Westg. tot. 410 kw. 2300 v. 2 ph. 60 cys. and 2300 & 550 v. 3 ph. 60 cys; 650 hp. e. West, Cor., A. & S; 750 hp. b. Erie, Portland; 886 hp. wtr. wh. Hunt; trolley volt. 550 v.

Power stas. at Norway, Mechanic Falls and So. Paris; repair shop at Norway and Mechanic Falls.

2.13 miles; 4-8½ g: 6 motor pass. cars and 1 other motor car; 1 other car. (Co. does lighting and power business.) ★127

OLD TOWN. 6,317.

(See No. 371.)

PORTLAND. 58,571.

379—Cumberland County Pwr. & Lt. Co.—Office, 453 Congress St. (Operates under lease the Portland R. R. Co.) (Controls, through stock ownership, the Lewiston, Augusta & Waterville St. Ry. and York County Pwr. Co.) (Owns Consolidated Electric Lt. Co., Westbrook Elec. Co., Portland Ltg. & Pwr Co. and Portland Electric Co.) (Does the entire elec. ltg. and pwr. business in the city of Portland and adjacent communities. Its controlled companies operate the street railway systems of Portland and So. Portland with suburban lines to Westbrook, Gorham, So. Windham, Cape Elizabeth, Old Orchard, Saco and Yarmouth, where connection is made with the lines of the Lewiston, Augusta & Waterville St. Ry., extending to Brunswick, Bath, Sabattus, Lewiston, Gardiner, Augusta and Waterville; also the elec. lt. and pwr. business of Biddeford, Saco, Old Orchard, Kennebunkport, York Harbor, Alfred, Sanford, Springvale and Freeport, and the gas business of Biddeford and Saco.)

Pres. Wm. M. Bradley.....Portland
1st V. Pres. Philip G. Gossler New York, N.Y.
2d V. Pres. Frank Silliman, Jr. Philadelphia, Pa.
*3d V. Pres. & Gen. Mgr.
A. H. Ford.....Portland
Treas. & Clerk, Chas. F. Berry.. "
Asst. Treas. & Sec.
C. A. Pearson, Jr.....Philadelphia, Pa.
Asst. Gen. Mgr.
Alfred Sweeney.....Portland
Supt. Ry. Dept. G. Sabin Brush. "
Supt. Lt. & Pwr. Dept.
W. C. Billings..... "
Pur. Agt. E. M. Stuart..... "
Claim Agt. F. S Briggs..... "
Gen. Fgt. Agt. F. E. Wood..... "
Ch. Engr. G. C. Estill..... "
Park Mgr. D. B. Smith..... "
M. M., E. W. Elgee..... "
Supt. of Track, F. H. Knight.... "

Power sta. equip. 19 d. c. G. E. tot. 6210 kw; 17 a. c. Allis-C West; tot. 15,485 kw. 2300 & 10,000 v. 3 ph. 60 cys; 8628 hp. e. Allis-C, Prov; 5070 hp. b. Bab. & W; 1000 kw. stm. turb. G. E; 19,400 hp. wtr. turb. Smith, Allis-C; trans. volt. 38,500 v; trolley volt. 550 v.

Power stas. (stm.) at Forest Ave. & Plum St., Portland and South Portland; hydro stas. at Bonny Eagle, West Buxton, North Gorham and Hiram Falls; repair shops at St. John St., Portland.

Owns and operates Riverton Park and Cape Cottage Park.

106.608 miles; 4-8½ g; 214 motor pass. cars. 8 trail pass. cars and 30 other motor cars; 27 other cars. ★18

380—Maine Rys., Lt. & Pwr. Co.—Office Union Mutual Bldg. (Controls Oxford Elec. Co. and Rockland, Thomaston & Camden St. Ry.)

Pres. Wm. T. Cobb.....Portland
Clerk, Josiah H Drummond..... "
Treas. Frank H. Bradford..... "
*Audr. E. J. Thompson..... "

127

PRESQUE ISLE, 5,179.

381—Aroostook Valley R. R. Co.—Office, Presque Isle. (Connects Presque Isle, Crouseville, Washburn, Sweden and Caribou.)

Pres. A. R. Gould.....Presque Isle
V. Pres. & Pur. Agt. L.E. Gould "
Treas., Claim Agt. & Gen. Fgt. & Pass. Agt. H. N. Crandall "
*Gen. Supt. & Ch. Engr.
M. S. W. Dingwall..... "
Elec. Engr. C. O. Austin..... "
M. M., D. W. Wilder..... "

Energy purchased from Maine & New Brunswick Elecl. Pwr. Co., Ltd.; 4 rot. conv. G. E. tot. 800 kw. 3 ph. 60 cys; trans. volt. 11,000 v. a. c; trolley volt. 1200 v. d. c; repair shops, Presque Isle.

Company owns Aroostook Valley Park.

88.14 miles; 4-8½ g; 4 motor pass. cars and 2 trail pass. cars; 13 other cars and 2 elec. locos. ★127

ROCKLAND. 8,174.

382—Rockland, So. Thomaston & St. George Ry.—Office, 320 Main St.

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(Connects Rockland, So. Thomaston and Crescent Beach).
*Pres. & Gen. Mgr. Alfred S. Black Rockland
V. Pres. M. A. Johnson..... "
Sec. I. H. Rokes..... "
Treas. Fred. C. Black..... "
Supt. J. T. Berry..... "
Energy purchased from R. T. & C. St. Ry.; repair shops, So. Thomaston.
Reaches Crescent Beach.
5.717 miles; 4-8½ g; 4 motor and 2 other cars. ★18

383 — Rockland, Thomaston & Camden St. Ry. Co.—Office, 445 Main St. (Connects Rockland, Thomaston, Camden, Rockport and Warren.) (Controlled by Maine Rys., Lt. & Pwr. Co.)
Pres. & Gen. Mgr.
Wm. T. Cobb.....Rockland
Asst. to Pres. Wm. C. Bird..... "
Sec. Alan L Bird..... "
Treas. H. W. Keep..... "
Audr. E. J. Thompson.....Portland
Supt. Ry. Dept. V. Chisholm...Rockland
Supt. Elec. Dept.
R. H. House..... "
Gen. Fgt. Agt. R. Trim.....Camden
Engr. Pwr. Sta.
Chas. E. Gregory.....Glen Cove
Roadmaster, Fred. Gregory... "
3 d. c. G. E. tot. 1200 kw. 500 v; 1 a. c. G. E. 300 kw. 2300 v. 3 ph. 60 cys; 1100 hp. e. Cor, Wetherell; 500 hp. b. Hodge; trans. volt. 33,000 v. trolley volt. 500 v. Energy also purchased from Central Maine Pwr. Co. at Augusta.
Power sta. and repair shop at Glen Cove.
Reaches Oakland Park (owned).
23.92 miles; 4 8½ g; 30 motor pass. cars and 7 other motor cars; 7 other cars and 4 elec. loco. cars. (Company furnishes energy to Rockland, So. Thomaston & St. George Ry. and does general lighting and power business.) ★127

SACO. 6,583.
(See No. 372.)

SANFORD. 9,049.

384 — Atlantic Shore Railway.—Office, Kennebunk. (Formerly the Atlantic Shore Line Ry., which was a consolidation of Sanford & Cape Porpoise Ry., Mousam River Ry. and Portsmouth, Dover & York St. Ry.) (On May 1, 1917, control of lines west of York Beach reverted to Portsmouth, Dover & York St. Ry.) (Connects York Beach, Ogunquit, Wells, Springvale, Sanford, Kennebunk, W. Kennebunk, Kennebunkport, Cape Porpoise and Biddeford, where connection is made with Biddeford & Saco R. R. Co.) (Freight and passenger service.)
Receivers { F. O. Conant.....Portland / Constant Southworth "
Asst. Treas. Sterling T. Dow..Kennebunk
Gen. Mgr. L. H. McCray..... "
*Elec. Engr. & Pur. Agt.
F. M. Richards..... "
Frmn Shops W. A. Lovejoy.. "
OLD FALLS PWR. STA. EQUIP. (Kennebunk).—3 a.c. Westg. tot. 1500 kw. 400 v, 3 ph. 60 cys; 2100 hp. turb. (wtr.) S. Morgan Smith; trans. volt. 10,000 v.
ESTES PWR. STA. EQUIP. (Sanford) —2 a. c. Westg. tot. 600 kw. 2300 v. 3 ph. 60 cys; 1800 hp turb. (wtr.) Platt Iron Wks; trans. volt. 10,000 v.
KENNEBUNK PWR. STA. EQUIP; (Kennebunk).—1 d. c. G. E. 300 kw; 250 hp. e. McI. & S; 475 hp. b. Hodge: trolley volt. 600 v.
Sub-stas. at Sanford, Kennebunkport and Ogunquit: repair shops at Kennebunkport and Ogunquit.
Reaches Cape Porpoise, York Beach and Old Falls.
50 miles; 4-8½ g.; 29 motor pass. cars and 4 other motor cars; 15 other cars and 2 elec. locos. cars. ★127

SKOWHEGAN. 5,341.

385—Somerset Traction Co.—(Connects Skowhegan and Madison.)
Pres. F. W. Briggs.....Skowhegan
*Sec., Treas., Mgr. & Pur. Agt.
H. L. Swett..... "
Elecl. Engr. L. D. Murphy... "
Energy purchased from Central Maine Power Co. at Augusta; 1 rot. conv. West. 300 kw; trans. volt. 33,000 v; trolley volt. 600 v.
Owns Lakewood Park.
12.68 miles; 4-8½ g; 11 cars. ★127

SOUTH THOMASTON. 1,436.
(See No. 382.)

THOMASTON. 2,205.
(See No. 383.)

WATERVILLE. 11,458.

386 — Waterville, Fairfield & Oakland Ry.—Office, 99 Main St., Waterville. (Connects Waterville, Fairfield and Oakland.)
Pres. H. D. Eaton.....Waterville
Sec. Geo. D. Hegarty..... "
Treas. W. S. Wyman.....Augusta
Audr. John S. Everett..... "
*Gen. Mgr. N. R. Longfellow, Waterville
Claim Agt. W. B. Getchell.... "
Pur. Agt. Blaine Owen..... "
Ch. Engr. F. H. Mason..... "
Energy purchased from Central Maine Pwr. Co.; trolley volt. 550 v.
Repair shops at Fairfield.
Owns Cascade Park.
11 miles; 4-8½ g; 17 motor pass. cars and 3 other motor cars. ★127

WESTBROOK. 8,281.
(See No. 379.)

YARMOUTH. 2,358.
(See No. 379.)

YORK. 300.
(See No. 584a.)

MARYLAND.

ANNAPOLIS. 8,609.
(See also No. 391.)

387—The Maryland Elec. Rys. Co.—Office, Annapolis. (Connects Baltimore and Annapolis.) (Under management of Allen & Peck, Inc.)
Chmn. Bd. C. Loomis Allen
601 Maryland Trust Bldg., Baltimore
Pres. John Wilson Brown
4 So. Calvert St., "
V. Pres. & Treas.
J. N. Shannahan.....Annapolis
Sec. Austin McLanahan
4 So. Calvert St., Baltimore
Asst. Treas. & Audr.
G. S. Storrs.....Annapolis
Gen. Mgr. C. D. Porter..... "
Trainmaster C. G. Britton..... "
Gen. Fgt. & Pass. Agt.
J. C. Clift..... "
*Elec. Engr. J. H. Berry..... "
Energy purchased from Consol. Gas, Elec. Lt. & Pwr. Co.: trans. volt. 13,200 v. a.c.; trolley volt. 1200 v. d.c. (catenary); 4 d. c. rot. conv. West. tot. 1200 kw.
Repair shops Annapolis.
37.4 miles; 4-8½ g; 12 pass. cars, 1 elec.

loco., 1 elec. fgt. car and 61 other cars. (Co. sells energy for ltg. in Glenburnie, Severna Park, Winchester, Round Bay, Arnold and Wardour.) 127

BALTIMORE. 558,485.

(See also Nos. 392 and 758a.)

388—Baltimore & Ohio R. R.—Office, B. & O. Bldg., cor. Baltimore & Charles Sts. (Operates Baltimore Belt R. R., a steam road using elec. locos. to operate system inside of city.)

Pres. Daniel Willard.....Baltimore
V. Prests. Geo. M. Shriver.. "
A. W. Thompson. "
F. C. Batchelder, Chicago, Ill.
J. M. Davis.....Baltimore
*Sec. C. W. Woolford..... "
Treas. E. M. Devereux..... "
Comptroller, J. T. Leary..... "
Supt. C. W. Gorsuch..... "
Claim Agt. C. W. Egan..... "
Engr. M. of W. Earl Stimson... "
Pass. Traffic Mgr. W. B. Calloway "
Asst. Gen. Fgt. Traffic Mgr.
A. Fries..... "
Pur. Agt. E. H. Bankard..... "
Ch. Engr. H. A. Lane..... "
Elecl. Engr. J. H. Davis..... "
Signal Engr. E. P. Patenall.... "

Purchases energy from the Consolidated Gas, Electric Lt. & Pwr. Co.; trans. volt. 13,200 v. 3 ph. 25 cys; trolley volt. 650 v.

Repair shops Baileys & Mt. Clare Sts., Baltimore.

8.4 miles (3rd rail); 4-8½ g; 9 elec. locos. ★127

388a—Idlewylde Ry. Co. — Office, 2 East Lexington St. (Operates from York Road to Idlewylde Park and connects with Towson & Catonsville Line of The United Rys. & Elec. Co. of Baltimore.)

*Pres. & Gen. Mgr.
Harry E. Gilbert.....Baltimore
Sec. Frank S. Gilbert..... "
Treas. John C. Paterson..... "

.98 miles; 5-4½ g; service supplied through agreement by The United Rys. & Elec. Co. ★127

389—Lorraine Elec. Ry. Co.—Office, 912 Union Trust Bldg. (Connects with branch of United Railways at Hillsdale and extends to Lorraine Cemetery.)

Pres. ——— ———
*V. Pres. & Gen. Mgr. F. P. Bennett Baltimore

Energy purchased from United Railways & Elec. Co.

1.5 miles; 5-4½ g; 3 cars. 127

390—United Railways & Elec. Co.—Office, 1005 Continental Bldg. (Owns all lines formerly operated by the Baltimore Cons. Ry. Co., Baltimore City Pass. Ry. Co., Baltimore & Northern Elec. Ry. Co. and controls and operates the Baltimore, Sparrows Point & Chesapeake Ry. and the Baltimore, Halethorpe & Elkridge Ry. Connects Ellicott City, Sparrows Point, Towson, Catonsville, Gardenville, Emory Grove and Halethorpe.)

Pres. Thos. A. Cross..Continental Bldg.
V. Prests. J. Pembroke Thom, Continental Bldg.
Gen. Mgr. James R. Pratt Continental Bldg.
Asst. to Pres. L. H. Palmer.. "
Asst. Gen. Mgr. H. B. Flowers "
Sec. Wm. Early..... "
Asst. Sec. J. P. Tingle..... "
Treas. John T. Staub..... "
Audr. N. E. Stubbs..... "
*Asst. Audr. H. M. Grafton.. "
Gen. Counsel, J. C. France.. "
Cashier, A. J. Dietz..... "
Supt. Transp. W. C. Ludwig. "
Asst. to Supt. Transp.
J. B. Duvall.....Continental Bldg.
Consltg. Engr. J. M. Hood, Jr. "
Ch. Engr. W. W. Wysor..... "
Statistical Engr.
R. L. Chamberlaine..... "
Roadmaster, W. P. Davis,
Asst. Engr. M. F. Harris..... "
Actg. Supt. Mot. Pwr.
H. C. Bushnell..... "
Elec. Asst. Supt. Mot. Pwr.
Carroll Thomas..... "
Supt. Distribution, J. E. Harrall "
Supt. Overhead Lines, R. B. Clark "
Supt. Underground Cables,
J. H. Poats..... "
Ch. Engr. (Pratt St.) Pwr. Sta.
M. Wright.....Pratt St.
Supt. Roll. Stk. & Shops, A. T. Clark
Columbia Ave. opp. Carroll Park
Asst. Supt. Roll. Stk. & Shops
H. A. Leonhauser
Columbia Ave., opp. Carroll Park
Traffic Mgr. J. A. Stoll..... Continental Bldg.
Supt. Central Safety Comm. Bldg.
M. J. McDonough..... "
Supt. Schedules, J. E. Morris. "
Claim Agt. E. J. Paige..... "
Asst. Claim Agt. H. C. Wells. "
Pur. Agt. Wm. H. Staub
Columbia Ave., opp. Carroll Park
Gen. Storekeeper, B. J. McGinn
Columbia Ave., opp. Carroll Park
Excursion & Adv. Agt. B. B. Long
Continental Bldg.

PRATT ST. STA. EQUIP.—8 d. c. G. E. tot. 5400 kw; 9 a. c. Westg. G. E. tot. 31,900 kw. 3 ph. 25 cys; 37,500 hp. e. McI. & S; 17,500 hp. turb. G. E, Westg; a. c. trans. volt. 13,200 v; d. c. trans. and trolley volt. 575 v.

LIGHT ST. STA. EQUIP.—4 d. c. Westg. tot. 2000 kw; 3000 hp. e. Allis, R. & S.

BAY SHORE STA. EQUIP.—8 d. c. G. E, Westg. tot. 1675 kw; 1 a. c. Westg. 200 kw. 3 ph. 25 cys; 2250 hp. e. A. & S, Westg. McI. & S.

OWINGS MILLS STA. EQUIP.—6 d.c. Westg. tot. 1080 kw; 1625 hp. e. R. & S, B. & W, Am. Ball.

Power stas., Pratt St., Light St., Owings Mills and Bay Shore; substations at Druid Hill Ave., Nunnery Lane, Eastern Ave., Harford Road, Belvedere Ave. and W. Lombard St.; repair shops at Carroll Park, Columbia Ave.

Owns Gwynn Oak Park, leases Bay Shore Park and reaches Riverview Park (leased by M. J. Fitzsimmons).

404.548 miles; 5-4½ g; 2,001 cars. (Company sells energy.) ★127

391—Washington, Baltimore & Annapolis Elec. R.R. Co.—Office, 108 North Liberty St. (Owns the Annapolis Public Utilities Co., which furnishes gas and electric lighting in Annapolis.) (Connects Washington, Baltimore and Annapolis.)

Pres. Geo. T. Bishop.....Baltimore
1st V. Pres. Frank H. Ginn,
1200 Williamson Bldg., Cleveland, O.
*2nd V. Pres. & Gen. Mgr.
J. J. Doyle.....Baltimore
Sec. George Weems Williams.. "
Treas. Geo. A. Craig..... "
Audr. W. H. Wright..... "
Trainmaster, Carson Schumacher
Naval Academy Jct.
Claim Agt. Wm. L. Schulz.....Baltimore
Pur. Agt. D. Zerbusen..... "
Elec. Engr. H. T. Connelly.... "
M. M., A. S. Osbelt..Naval Academy Jct.
Engr. Maint. of Way,
E. W. Weinland.... " "

Energy purchased from Potomac Elec. Pwr. Co.: trans. volt. 33,000 v; trolley volt. 1300 v; repair shops, Naval Academy Junction.

98.91 miles; 4-8½ g; 48 motor pass. 54 trail pass. cars and 14 other motor cars; 23 other cars. ★127

BEL-AIR. 1,005.
(See also No. 397.)

392—The Baltimore & Bel-Air Elec. Ry. Co.—Office, Bel-Air. (Company has traffic agreement with United Railways & Electric Co. to enter Baltimore with both passengers and freight when road is completed.) (Connects Hamilton, Parkville and Carney.)
Pres. S. A. Williams.....Bel-Air
*Sec. & Treas. H. S. O'Neill..... "
Gen. Mgr. J. Alexis Shriver..... "
Power & cars rented from United Railways & Electric Co. of Baltimore.
Owns Gunpowder River Park.
19 miles projected; 3.25 miles in operation; 5-4½ g; 2 cars. 127

CUMBERLAND. 25,000 (1913).

393—Cumberland Elec. Ry. Co.—Office, N. Centre St. (Connects with the Cumberland & Westernport Elec. Ry. at Narrow Park, 2¾ miles west of Cumberland).
Pres. G. L. Wellington.....Cumberland
V. Pres. James A. McHenry "
Sec. & Treas. C. G. Holzshu "
*Mgr. & Pur. Agt.
W. M. Roberts, Jr..... "
Ch. Elecn. John Hamilton.. "
Purchases energy from Edison Elec. Illg. Co.
Controls Narrows Park.
8.5 miles; 24 cars. ★127

394—Cumberland & Westernport Elec. Ry. Co.—Office, Cor. Harrison St. and B. & O. R. R. (Connects Cumberland, Eckhart, Frostburg, Shaft, Carlos Junction, Ocean, Midland, Gilmore, Lonaconing, Pekin, Moscow, Barton, Franklin and Westernport.) (Controlled by the Cities Service Co.)
Pres. Henry L. Doherty..New York, N. Y.
V. Pres. & Gen. Mgr.
B. Waller Duncan.....Frostburg
Sec., Treas. & Pur. Agt.
D. P. Hartzell.....Cumberland
M. M., D. D. Price.....Frostburg
5 d. c. G. E. West. tot. 1250 kw; 1750 hp. e. Clark Bros. Rus; 1475 hp. b. Keeler, Erie City.
Power stas. at Claysville and Reynolds; repair shops at Claysville.
Reaches Reynolds Park (owned.)
25 miles; 4-3½ g; 13 motor pass., and 2 fgt. cars; 1 snow plow. 18

FREDERICK. 12,000 (1913).

395—The Hagerstown & Frederick Ry. Co.—Office, Terminal Bldg. (Controls Potomac Lt. & Pwr. Co., Martinsburg, W. Va. and Chambersburg, Greencastle & Waynesboro St. Ry. Co., Waynesboro, Pa.) (Connects Frederick, Thurmont, Middletown, Jefferson, Boonsboro, Hagerstown and Williamsport, Md., and Shadygrove, Pa.) (Owns and operates the Frostburg Illg. & Mfg. Co.)
Pres. Emory L. Coblentz.....Frederick
V. Pres. { Henry Holzapfel, Jr. Hagerstown / F. Howard Warfield..Baltimore
Sec. M. P. Moller.....Hagerstown
Treas. T. H. Haller.....Frederick
Asst. Treas. Alex. Armstrong.. "
Audr. R. E. Town..... "
*Gen. Mgr. M. A. Pooler.....Hagerstown
Supt. Transp. R. Paul Smith... "
Claim Agt. & Gen. Fgt. & Pass. Agt. C. C. Waters..... "
Pur. Agt. R. V. Mitchell..... "
Elec. Engr., G. T. Twyford..... "
Engr. Pwr. Sta. W. A. Butler....Security
M. M., G. E. Stine.....Frederick
Power sta. equip.—a. c. W. E. tot. 4000 kw. 2300 v. 3 ph. 60 cys: 2800 hp. b. Bab. & W; 4000 kw. stm. turb. W. E; trans. volt. 33,000 v; trolley volt. 600 v.
Power sta. at Security; repair shop, Frederick.
Owns Braddock Heights Park.
80 miles; 4-3½ g; 37 passenger, 68 freight, 4 express and 4 work cars, 1 snow plow, 3 locos. (Co. does general ltg. and pwr. business.) ★127

FROSTBURG. 6,028.
(See No. 394.)

HAGERSTOWN. 16,507.
(See No. 395.)

KENSINGTON. 689.

396—Kensington Ry. Co.—Office, Overhead Bridge, W. Kensington. (Leases Sandy Spring Ry. Co.'s track (1.5 miles). Extends from north terminal of Capital Traction Co.'s System in Washington beyond Kensington, Md.)
Pres. Chas F. Brooke.....Sandy Spring
V. Pres. Allan Farquhar.... "
*Sec., Treas., Gen. Mgr. & Pur. Agt.
R. H. Phillips.....Kensington
Audr.
J. A. P. Farnham....Washington, D. C.
Supt. Herbert Claude.....Chevy Chase
Elec. Engr. & M. M.
Fayette Johnson..... "
Energy purchased from Capital Traction Co.; trolley volt. 600 v.
Repairshops, Chevy Chase Lake.
3.5 miles (operates over steam road on private right of way); 4-3½ g; 3 motor and 2 other cars. (Will extend line to Sandy Spring.) 67

TOWSON. 1,000.
(See also No. 390.)

397—Towson & Cockeysville Electric Ry. Co.—Office, Bel Air. (Will connect Towson, Lutherville, Timonium, Texas, Cockeysville and Marble Hill.)
Pres. C. C. Fawcett
care of Robt. Garrett & Sons, Baltimore
V. Pres. Henry F. Baker " "
Sec. & Treas. H. S. O'Neill.....Bel Air
Gen. Mgr. J. Alexis Shriver..... "
Will reach Maryland State Fair at Timonium.
3.25 miles; Edison storage battery cars. 127

MASSACHUSETTS.

AMESBURY. 9,894.
(See No. 427.)

AMHERST. 5,112.
(See No. 429.)

ATHOL. 8,536.

398—Northern Massachusetts St. Ry. Co.—Gen. office, Greenfield. (Formerly the Athol & Orange St. Ry. Co., which purchased the Templeton St. Ry. Co., and with which the Gardner, Westminster & Fitchburg St. Ry. Co. was merged.) (Connects Athol, Orange, Templeton, Baldwinville, Winchendon, Gardner, Westminster and Fitchburg.) (Controlled by Massachusetts Consolidated Rys.)
Pres. Chas. W. Hazelton..Montague City
V. Pres. & Gen. Mgr.
D. P. Abercrombie, Jr.....Greenfield
Treas. H. A. Crane..... "
Sec. & Asst. Treas.
R. M. Stoughton..... "
Audr. John E. Donovan..... "
Gen. Supt. J. A. Taggart..... "
Asst. Supt.
F. E. Marsh.....East Templeton
Claim Agt. Wm. S. Clark.....Greenfield
Gen. Fgt. & Exp. Agt.
Leon Bolster..... "
Pur. Agt. & Supt. Mtv. Pwr. &

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Equip., F. A. Persons.....Greenfield
Engr. of Way,
C. W. Clapp..... "
M. M., J. M. Mellor.....East Templeton
Energy purchased from Athol Gas & Elec. Co. Repair shops at East Templeton. Reaches Brookside Park (owned), Lake Dennison and Wachusett Park.
44.9 miles; 4-8½ g; 13 cars. 67

ATTLEBORO. 16,215

(See also Nos. 448 and 461.)

399—Attleboro Branch R. R. Co.—Office, 107 Main St., Worcester. (Controlled by the New England Investment & Security Co.) (Connects Attleboro and North Attleboro.)
Pres. Francis H. Dewey.....Worcester
V. Pres. C. V. Wood
Mass. Mutual Bldg., Springfield
Gen. Mgr. H. C. Page.....Worcester
Clerk, F. P. McIntyre
Mass. Mutual Bldg., Springfield
Treas. L. Candee..... "
Audr. J. W. Jamieson..... "
Fgt. & Pass. Agt. R. E. Cosgrove "
Pur. Agt. J. F. McCabe..... "
Elec. Engr. W. L. Harwood.. "
Engr. Maint. of Way & Struct.
Howard Whitney..... "
Energy purchased from Rhode Island Co.
5.14 miles; 4-8½ g; 1 elec. loco. ★18

399a—Interstate Consolidated St. Ry. Co.—General office, 107 Main St., Worcester. (Consolidation of Attleboro, N. Attleboro & Wrentham St. Ry. and Interstate St. Ry. of Providence, R. I.) (Controlled by New England Investment & Security Co.)
Pres. Francis H. Dewey.....Worcester
V. Pres. C. V. Wood.....Springfield
Gen. Mgr. H. C. Page.....Worcester
Clerk, F. P. McIntyre.....Springfield
Treas. L. Candee..... "
Audr. J. W. Jamieson..... "
Supt. F. S. Hunnewell.....Attleboro
Asst. Agt. J. F. McCabe.....Springfield
Agt. & Pass. Agt. R. E. Cosgrove "
Elec. Engr. W. L. Harwood.. "
Engr. Maint. of Way & Struct.
Howard Whitney..... "
Energy purchased from Rhode Island Co.
36.03 miles; 4-8½ g; 3 express cars and 1 work car. ★18

AYER. 2,797.

400—The Lowell & Fitchburg St. Ry. Co.—Office, Ayer. (Controls Westford Branch line.) (Connects Lowell City lines, Forge Village, Graniteville, and the Fitchburg system at Ayer.)
Pres. W. W. Sargent.....Fitchburg
Treas. R. N. Wallis..... "
Gen. Supt. & Pur. Agt.
Louis H. Cushing.....Ayer
Comptr. A. Caron..... "
Toll Admaster, John Devaney..... "
Energy purchased from Lowell Elec. Lt. Corp., Lowell, Mass.: trane. volt. 13,000 v; relay volt. 600 v.; repair shop at Ayer
7 miles: 4-8½ g; 8 pass. cars, 1 flat car 6 dump cars; 1 plow. ★127

BEVERLY. 18,550.

(See No. 401.)

BOSTON. 670,585

(See also Nos. 105, 109, 452, 461, 469, 582, 852, 853, 890 and 1051.)

—Bay State St. Ry. Co.—Offices, 6 State St., Boston. (Leases Boston & Chelsea R. R. Co., Boston & Revere Elec. Ry. Co., East Middlesex St. Ry. Co., Lowell & Suburban St. Ry., Newport & Fall River Ry. Co. and the Winnisimmet R. R. Co.) (Operates in the following cities: Beverly, Boston, Brockton, Chelsea, Everett, Fall River, Gloucester, Haverhill, Lawrence, Lowell, Lynn, Malden, Medford, Melrose, Newburyport, New Bedford, Quincy, Revere, Taunton, Salem, Woburn, Mass., Nashua, N. H., Newport, R. I., and the towns of Abington, Andover, Arlington, Avon, Billerica, Braintree, Bridgewater, Burlington, Chelmsford, Danvers, Dedham, Dighton, Dracut, Easton, East Bridgewater, Essex, Freetown, Georgetown, Groveland, Hamilton, Hanover, Hingham, Holbrook, Hull, Ipswich, Lakeville, Lynnfield, Marblehead, Methuen, Middleboro, Middleton, Milton, Needham, Newbury, Norwell, North Andover, North Reading, Norwood, Peabody, Randolph, Raynham, Rehoboth, Reading, Rockport, Rockland, Rowley, Saugus, Seekonk, Somerset, Stoughton, Stoneham, Swampscott, Tewksbury, Tyngsboro, Wakefield, Walpole, Wenham, West Bridgewater, West Newbury, Westwood, Weymouth, Whitman, Wilmington, Winchester, Mass., Hudson, N. H., and Middletown, Portsmouth, and Tiverton, R. I.) (Controlled by Mass. Elec. Cos.)
Receiver, Wallace B. Donham.....Boston
Counsel for Receiver
Currier, Young & Pillsbury..... "
Pres. P. F. Sullivan..... "
1st V. Pres. R. B. Stearns..... "
2d V. Pres. H. B. Rogers..... "
Treas. C. R. Rockwell..... "
Clerk, Chas. Williams..... Lynn
*Gen. Mgr. R. S. Goff.....Boston
Gen. Audr. D. Dana Bartlett..... "
Asst. to Pres. Thos. Dreier..... "
Asst. to 1st V. Pres.
Ralph M. Sparks..... "
Gen. Claim Agt. Wm. A. Driscoll.. "
Gen. Pass. Agt. C. W. Stocks..... "
Gen. Fgt. Agt. T. E. Leland..... "
Supt. Pwr. Gen'rtn.
C. F. Bancroft..... "
Consltg. Engr.
Albert S. Richey.....Worcester
Supt. Roll. Stk. H. W. Irwin.....Boston
Supt. Rdwy. & Bldgs.
W. S. Hubbard..... "
Supt. Purch. & Stores
A. P. Emmons..... "
Supt. Emp. H. K. Bennett..... "
Local Mgrs.
Geo. H. Gray.....Lynn
Thos. Lees.....Lowell & Nashua
J. T. Conway.....Brockton
J. O. Ellis.....Chelsea (inc. Reading & Woburn)
J. L. Niles.....Gloucester
David Bruce.....Lawrence
G. S. Chase.....Haverhill
H. H. Read.....Taunton
J. H. Murphy.....Fall River
T. A. Donahue.....Salem
J. H. Hayes.....Hyde Park
Thos. Gammon.....Quincy
Supt. Illg. Dept. E. P. Gosling, Newport, R. I.
Power Stations:
Chelsea—Ch. Engr., D. J. Lynch.
Lynn—Ch. Engr., L. H. Brown.
Salem—Ch. Engr., T. J. Butler.
Gloucester—Ch. Engr., R. C. Howe.
Essex Falls—Ch. Engr., J. Hoskins.
Woburn—Ch. Engr., J. A. Heath.
Lowell—Ch. Engr., G. F. Webber.
Lawrence—Ch. Engr. W. J. Hamilton
Haverhill—Ch. Engr. C. T. Warner
Byfield—Ch. Engr., J. W. Small.
Quincy—Ch. Engr. T. Bracken.
Newport, R. I.—Ch. Engr., W. G. Orr.
Portsmouth, R. I.—Ch. Engr., C. L. Sewall.
Hyde Park—Ch. Engr. A. K. Small.
(For equipment of pwr. stas. see reports under above towns.)
Owns Lakeview Park in Tyngsboro, Glen Forest in Lawrence. The Pines in Haverhill and Long Beach in Gloucester, Westwood Park in Westwood, Lakeside Park in Lakeville, Highland Park in

Avon, Sabbatia Park in Taunton, Dighton Rock Park in Dighton and Island Park in Portsmouth, R. I., and leases Lawndale in Nashua, and reaches Lincoln Park in Westport.

Main repair shops at Chelsea, Lowell, Campello and Fall River; car houses at Lawrence, Lynn, Quincy and Taunton.

955.07 miles of track operated; 942.676 miles of track maintained; 970.173 miles of track owned and leased (includes track leased to B. E. Ry. Co.); 4-8½ g; 2,095 motor, 150 service, 39 freight cars and 5 trail cars; 248 elec. plows; 41 horse cars (not used). (Company does lighting in Newport, R. I., only.) ★18

402—Boston Elevated Ry. Co.—Office, 101 Milk St. (Leases West End St. Ry. Co.) (This company operates cars in Boston, Arlington, Belmont, Brookline, Cambridge, Chelsea, Everett, Malden, Medford, Newton, Somerville and Watertown.)

*Pres. Matthew C. Brush.....Boston
V. Pres. C. S. Sergeant..... "
Vice Pres. & Gen. Audr.
J. H. Neal..... "
Asst. to Pres. H. B. Potter..... "
Sec. Henry S. Lyons..... "
Treas H. L. Wilson..... "
Real Est. Agt.
Dan'l L. Prendergast..... "
Pur. Agt. Edw. Mahler..... "
Gen. Atty. Russell A. Sears..... "
Gen. Solicitors,
Gaston, Snow & Saltonstall..... "
Attorney, C. B. Gleason..... "
Claims & Attys. { Louis H. Butterworth.... "
John J. Reynolds..... "
M. P. Spillane..... "
Publicity Agt. J. Harvey White.. "
Recvg. Cashr. L. J. Dickey..... "
Supt. of Rolling Stock and Shops.
John Lindall..... "
Mgr. Transpn. Ed. Dana..... "
Supt. Pwr. Distrib. Wm. Masters.. "
Supt. of Wires, J. P. Boyden..... "
Act'g Supt. Div. 1. Charles J. Leonard Roxbury
Supt. 2. John H. Harrington Boston
" 6. Arthur W. Senter Charlestown
" 7. J. L. Webber Cambridge
" 8. James Smith..Boston
" 9. John A. Smith Allston
Supt. Albany St. Shops,
F. W. Garrett.....Boston
Supt. Car Shops. H. G. Noble...Roxbury
Supt. R. T. Lines, Herbert A. Pasho, Charlestown
Supt. Inspection, C. E. Learned..Boston
Supt. of Employment,
Alfred J. Guyon..... "
Ch. Instructor, Cyrus S. Ching...Roxbury
Time Table Supv.
Timothy Connell.....Boston
Supt. of Pwr.
F. S. Freeman....489 Albany St., "
Maint. Engr. James Dickie.... " "
Supt. Supplies, A. A. Ordway.... "
Gen. Storekeeper, F. W. Stevens.. "
Ch. Optg. Engr. J. J. Donahoe... "
Elec. Engr. J. Walter Allen..... "
Train Master R. T. Lines,
George H. Benjamin.....Charlestown
General Foreman Shops R.T. Lines, Clark Doty..... "
Ch. Engr. Maint. of Way,
H. M. Steward.....Boston
Road-masters { Thomas F. Sullivan (Surface Lines)..... "
A. L. Butler (R. T. Lines)....Charlestown
Gen. Frmn. Bldg. Maint. & Repairs, A. J. Blackburn.....Boston
Architect, F. F. Low..... "
Signal Engr. R. T. Lines,
W. C. Smith.....Charlestown
Civil Engr. Arthur L. Plimpton...Boston

CENTRAL STA.—Ch. Engr. R. S. B. O'Brien, 489 Albany St. 9 d. c. G. E. Walker, tot. 12,900 kw; 17,800 hp. e. Interntl, Allis-C; 11,868 hp. b. Bab. & W., Stir.

LINCOLN STA. — Ch. Engr. Ralph H. Dixon, Boston. 5 d. c. G. E., Westg., Allis-C. tot. 13,500 kw; 21,000 hp. e. R. & S., Westg., Tod; 10,160 hp. b. Bab. & W.

CHARLESTOWN STA.—Ch. Engr. W. S. Toomey, Charlestown. 4 d. c. G. E., Westg. tot. 7000 kw; 10,400 hp. e. West., McI. & S., Allis-C; 5,900 hp. b. Bab. & W., A. & T.

HARVARD STA.—Ch. Engr. O. A. Jackson, Cambridge. 4 d. c. G. E. tot. 6300 kw; 9600 hp. e. McI. & S., Allis-C; 5400 hp. b. Bab. & W.

SOUTH BOSTON POWER STA.—Ch. Engr. ——— So. Boston. 4 a. c. G. E. tot. 80,000 kw. 3 ph. 25 cys; 4 stm. turb. G. E. Curtis vert. & hor. tot. 106,667 hp; 9600 hp. b. Bab. & W.

DORCHESTER POWER STA. — Ch. Engr. C. H. Tremblom, Dorchester. 2 d. c. & 1 a. c. G. E. tot. 5500 kw; 7500 hp. e. R. & S, G. E; 3806 hp. b. Bab. & W, Stir.

Power stas. at Boston, Charlestown, Cambridge, So. Boston, Dorchester; substas. at Dorchester, West Roxbury, Brookline, Cambridge, East Boston, Arlington, Malden, Roslindale, Brighton and Boston; repair shops at 489 Albany St., Boston, Charlestown and Roxbury.

488.017 miles surface, 37.447 miles elev. (includes 22.85 miles of subway and tunnel tracks, of which 9.6 are used by surface and 13.2 by elev. cars; includes mileage in 11 municipalities besides Boston); 4-8½ g; 3,298 surface passenger cars, 349 elevated cars, 284 electric snow plows and 147 service cars. ★18

403—Boston & Maine R. R.—Office, North Station, Boston. (This steam railroad corporation operates two electric street railway branches, the Portsmouth (N. H.) Elec. Ry. with 19.03 miles of track, and the Concord & Manchester (N. H.) Elec. Branch with 30.51 miles of track, leased. It also controls the Conway (Mass.) Elec. St. Ry. having 6.60 miles of track. Boston & Maine trains are operated by electricity through the Hoosac Tunnel, about 22 miles, single track, having been electrified, 9½ of which are within the portals of the tunnel, the remainder covering approaches and yards.)

Temporary Receiver J. H. Hustis..Boston
Compt. W. J. Hobbs..... "
Asst. Compt. M. C. Bradley..... "
Gen. Counsel,
Woodward Hudson..... "
*Clerk. A. B. Nichols..... "
Treas. Herbert Wheeler..... "
Gen. Mgr. B. R. Pollack..... "
Fgt. Traffic Mgr. W. T. Lamoure.. "
Gen. Passenger Agt. C. M. Burt.. "
Pur. Agt. August W. Munster..... "
Ch. Engr. A. E. Corthell..... "
Elec. Engr. F. D. Hall..... "
Signal Engr. J. V. Young..... "
★18

404—Boston & Worcester St. Ry. Co.—Office, Framingham. (Controlled by the Boston & Worcester Elec. Cos.) (Connects Boston, Newton, Wellesley, Natick, Framingham, Southboro, Marlboro, Hudson, Northboro, Shrewsbury and Worcester.)

Pres. Wm. M. Butler
77 Franklin St., Boston
1st V. Pres. A. E. Childs
77 Franklin St., Boston
*2d V. Pres. & Gen. Mgr.
C. D. Emmons.....Framingham
Treas., Audr. & Pur. Agt.
Arthur E. Stone..... "

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Supt. Transp.
G. H. McFee.....Framingham
Claim Agt.
J. J. Hourin..... "
Gen. Fgt. Agt. F. C. Lewis.. "
Ch. Engr. Pwr. Sta.
C. B. Smith..... "
M. M., F. M. Weld..... "
Roadmaster, L. J. Miller.... "
Ch. Line Foreman
F. B. Sears..... "

Power sta. equip. 3 a. c. G. E. tot. 3500 kw. 13,200 v. 3 ph. 25 cys; 2000 hp. e. Prov; 2800 hp. b. A. & T; 2000 kw. turb. (stm.) G. E; trans. volt. 13,200 v; trolley volt. 600 v. d. c.

Power sta. and repair shop at Framingham.

Reaches Lincoln Park and White City (Worcester).

33.386 miles; 4-8½ g; 102 motor cars. ★127

405—Boston & Worcester Elec. Cos.—(Controls through stock ownership the Boston & Worcester St. Ry.)
*Pres. Wm. M. Butler.. } 77 Franklin St.,
V. Pres. A. E. Childs... } Boston
Sec. & Treas.
Arthur E. Stone..... " "
127

406—Massachusetts Electric Companies.—Office, 245 State St. (Controls Bay State St. Ry. Co.)
Pres. Gordon Abbott..... 84 State St
V. Pres. C. E. Cotting..... "
Sec. E. W. Burdett..... "
Treas. J. H. Goodspeed.... "
Gen. Audr. H. H. Read..... "
Gen. Mgr. P. F. Sullivan . "
★127

408—Public Service Investment Co.—(Organized with authority, among other things to hold and deal in stocks, bonds and other securities Owns securities in twelve companies under management of Stone & Webster.)
Directors { Henry G. Bradlee.....Boston; Chas A. Stone..... "; John W. Hollowell.... "; Russell Robb..... "; Edwin S. Webster.... "; Dwight P. Robinson.. "
67j

409—Railway & Light Securities Co.—(Organized for the purpose of holding for income or for sale the securities of transportation, illuminating, power and other public service corporations. Under charter, it may issue its own Collateral Trust Bonds, secured by bonds of other companies as collateral; owns bonds and stocks of thirty-nine independent companies, twenty one of which are under management of Stone & Webster.)
Directors { Henry G. Bradlee.....Boston; Stedman Buttrick..... "; Chas. A. Stone..... "; Edwin S. Webster..... "; Robt. F. Herrick..... "; Thos. N. Perkins..... "; Robt. T. Paine, 2d.... "; Russell Robb..... "; Jas. J. Storrow..... "; John W. Hollowell.... "
67j

410—Stone & Webster.—General office, 147 Milk St., Boston. (The following companies are managed: Adirondack Elec. Pwr. Corpn., Baton Rouge Elec. Co., Beaumont Trac. Co., The Berkshire Pwr. Co., Blackstone Valley Gas & Elec. Co., Brockton & Plymouth St. Ry. Co., Cape Breton Elec. Co., Ltd., Central Mississippi Valley Elec. Properties, Columbus Elec. Co., The Columbus Pwr. Co., Columbus Railroad Co., The Connecticut Pwr. Co., Dallas City (Ill.) Lt. Co., Eastern Texas Elec. Co., Edison Elec. Illg. Co. of Brockton, The Elec. Lt. & Pwr. Co. of Abington and Rockland, El Paso Elec. Co., Everett Ry., Lt. & Wtr. Co., Fall River Gas Wks. Co., Ft. Madison (Ia.) Elec. Co., Galveston Elec. Co., Galveston-Houston Elec. Co., Galveston-Houston Elec. Ry. Co.. The Hamilton Lt. & Pwr. Co., Haverhill Gas Lt. Co., Houghton County Elec. Lt. Co., Houghton County Trac. Co., Houston Elec. Co., Jacksonville Trac. Co., Keokuk Elec. Co., The Key West Elec. Co., The Lowell Elec. Lt. Corpn.. Mississippi River Pwr. Co., Northern Texas Elec. Co., Northern Texas Trac. Co., Pacific Northwest Trac. Co., Paducah Trac. & Lt. Co., Pawtucket Gas Co. of N. J., Pensacola Elec. Co., Ponce Elec. Co., Public Service Investment Co., Puget Sound Elec. Ry., Puget Sound International Ry. & Pwr. Co., Puget Sound Trac., Lt. & Pwr. Co., Ry. & Lt. Securities Co., Reno Pwr., Lt. & Wtr. Co., Savannah Elec. Co., Savannah Pwr. Co., Sierra Pacific Elec. Co., Sydney & Glace Bay Ry. Co , Ltd., Tacoma Ry. & Pwr. Co., Tampa Elec. Co. and Tarrant County Trac. Co.) ★127†

411—Charles H. Tenney & Co., (Managers & Engineers of Public Utilities).—Office, 201 Devonshire St, Boston. (Represents following companies: Malden Electric Co., Malden & Melrose Gas Lt. Co., Salem Elec. Ltg. Co., Haverhill Elec. Co., Fitchburg Gas & Elec. Lt. Co., Suburban Gas & Elec. Co. (Revere and Winthrop), Springfield Gas Lt. Co., American Tar Co., Boston Electrolytic Oxygen Co., North Boston Ltg. Properties and Eastern Massachusetts Elec. Co., all of Massachusetts; Exeter & Hampton Elec. Co., Exeter, Hampton & Amesbury St. Ry., Exeter Ry. & Ltg. Co. and Concord Elec. Co. of New Hampshire; The Barre & Montpelier Trac. & Pwr. Co., and Montpelier & Barre Lt. & Pwr. Co. of Vermont; American Blaugas Corp., People's Gas & Elec. Co. (Oswego) and Rockland Lt. & Pwr. Co. (Nyack) of New York; Rockland Electric Co. (of New Jersey) and The Bristol & Plainville Tramway Co. (of Connecticut).
Pres. Charles H. Tenney.....Springfield
1st V. Pres. Albert B. Tenney.....Boston
2nd V. Pres. D. E. Manson..... "
3rd V. Pres. H. T. Sands..... "
Sec., H. P. Wood..... "
*Treas. E. A. Bradley..... "
Asst. Treas. & Office Mgr.
I. S. Hall..... "
Audr. H. A. Gidney..... "
Clerk, Allen Hollis,
25 Capitol St., Concord, N.H.
Engrg. Mgr. Frank C. Sargent....Boston
Pur. Agt. Francis P. Mooney..... "
★127

BRAINTREE. 8,066.

(See No. 401.)

BROCKTON. 56,878.

(See also No. 451.)

412—Bay State St. Ry. Co. See Boston.

Sub-sta. equip. 4 a. c. rot. G. E. tot. 3750 kw. 3 ph. 25 cys; trans. volt. 13,200 v; trolley volt. 600 v. 127

BROOKFIELD. 2,204.

413—Worcester & Warren St. Ry. Co.—General office, Brookfield. (Formerly Warren, Brookfield & Spencer Ry. Co.) (Connects Warren, West Warren, Brookfield, West Brookfield, North Brookfield and Spencer.)

Pres. Frank O. Palmer.....Saco, Me.
Treas. O. E. Williams
67 Milk St , Boston
*Pur Agt. & Supt. Henry Clark, Brookfield
Ch. Engr. Pwr. Sta.
J. E. Eaton..... "
M. M., Frank Chase..... "
Roadmaster, Angelo Prizeo, East "
Power sta. equip. 3 d. c. G. E. tot. 587 kw; 750 hp. e. Slater, Burlg; 324 hp. b. Penn. Dillon; trolley volt. 550 v.
Power sta. and repair shop at Brookfield.
20.1 miles; 4-8½ g; 17 motor and 2 other cars and 2 snow plows. 67

BROOKLINE. 27,792.
(See No. 402.)

BYFIELD. 978.

414—Bay State St. Ry. Co. See Boston.
Power sta. equip. 2 d. c. Westg. tot. 500 kw; 600 hp. e. Slater; 345 hp. b. Kendall; trans. and trolley volt. 575 v. 127

CAMBRIDGE. 104,839.
(See No. 402.)

CANTON. 4,797.
(See also No. 455a.)

415—The Blue Hill St. Ry. Co.—Office, 87 Washington St.. Canton. (Operates from Mattapan through Canton to Stoughton; at Mattapan connects with the Boston Elevated Ry., and at Stoughton connects with the Bristol & Norfolk and Bay State St. Rys., for the Southern Massachusetts district.)
Pres. & Gen. Mgr. M. A. Cavanaugh
162 Harrishof St., Roxbury
Treas.
Ray Cavanaugh " "
Claim Agt. James T. Connolly
21 Milk St., Boston
*Supt. & Pur. Agt.
George Spaulding.....Canton
Ch. Engr. Pwr. Sta. J. T. Hughes. "
M. M., F. H. Winn..... "
Power sta. (capacity, 487 kw.) at Canton; also purchases energy from Bay State St. Ry. Co.; repair shops, Canton.
Reaches Houghton's Pond.
19.7 miles; 4-8½ g; 21 motor pass. cars and 1 other motor car; 5 other cars. ★18

CHARLTON CITY. 1,050.

417—Worcester Consolidated St. Ry. Co.—See Worcester.
Power sta. equip. 2 double cur. West. tot. 800 kw. 360 v. 3 ph. 25 cys; 1200 hp. e. R. & S; 1000 hp. b. Bab. & W; trans. 11,000 v; trolley volt. 600 v. (Operated as a substation.) 18

CHELSEA. 32,452.

418—Bay State St. Ry. Co.—See Boston.
Power sta. equip. 7 d. c. G. E. tot. 3950 kw; 5300 hp. e. Cpr. H. O. & R., W.-C; 3350 hp. b. Bab. & W; trolley volt. 590 v.
127

CHICOPEE. 25,401.
(See No. 457.)

CLINTON. 13,075.
(See No. 471.)

COLERAIN. 1741.
(See No. 456.)

CONWAY. 1,280.

419—Conway Elec. St. Ry. Co.—Office, Rm. 9, North Station, Boston. (Controlled by the Boston & Maine R.R.) (Connects Conway with Deerfield and Conway Village with Conway station on N. Y., N. Y. & H. R. R. and South River station on B. & M. R. R.)
Pres. James H. Hustis
North Sta., Boston
V. Pres. Arthur P. Delabarre.....Conway
Clerk, A. B. Nichols...North Sta., Boston
Treas. Herbert R. Wheeler " "
Audr. J. F. Turner
Rm. 9, North Sta., "
Supt. Wm. M. Alden.....Conway
Power sta. equipt: 1 d. c. West. 200 kw; 100 hp. e. A & S; 150 hp. b. Big; 300 hp. turb. (wtr.) J. & W. Jolly; trolley volt. 600 v.
Power sta. and repair shops at Conway.
Reaches Wildwood Park (controlled).
6.6 miles; 4-8½ g; 5 motor pass. cars and 17 other cars, 1 snow plow. ★18

DANVERS. 9,407.
(See No. 401.)

DRACUT. 3,461.
(See Nos. 401 and 427.)

EAST HAMPTON. 8,524.
(See No. 446.)

ESSEX, 1,621.

420—Bay State St. Ry. Co. See Boston.
Power sta. equip. (Essex Falls) 2 d. c. Walker, tot. 440 kw; 600 hp. e. Mcl. & S; 600 hp. b. Ken, Cungh; trans. & trolley volt. 550 v. 127

EVERETT. 33,484.
(See Nos. 401 and 402.)

FALL RIVER. 119,295.
(See Nos. 401, 442 and 460.)

FITCHBURG. 37,826.
(See also Nos. 398 and 471.)

421—Fitchburg & Leominster St. Ry. Co.—Office, 280 Main St. (Connects Fitchburg, Leominster, Lunenburg, Shirley and Ayer.)
Pres. & Gen. Mgr.
W. W. Sargent..... .....Fitchburg
V. Pres. H. I. Wallace..... "
Sec. C. F. Baker..... "
Treas. R. N. Wallis..... "
Claim Agt —— ——..... "
*Ch. Engr. Pwr. Sta.
Chas. R. Putnam.....So. "
M. M., Wm. P. Lish..... "
Roadmaster, C. N. Glynn..... "
Power sta. equip. 6 d. c. tot. 1675 kw; 1 a. c. 60 kw. 2400 v. 2 ph. 133 cys; 1990 hp. b. Dillon; 90 hp turb. (wtr.); trolley volt. 600 v.
Power sta. and repair shop at So. Fitchburg.
Controls Whalom Park.
40.694 miles; 4-8½ g; 60 cars. ★117j

FOXBORO. 3,863.
(See also No. 455a.)

422—Norfolk & Bristol St. Ry. Co.—Office, Foxboro. (Connects Norwood, Walpole, Foxboro, Mansfield and Wrentham.)
Pres. Jas. E. Ryder..40 Water St., Boston
Sec. & Treas.
E. C. Hildreth..... " "
Audr. Geo. S. Davis...95 Milk St., "
Gen. Mgr. M. A. Cavanaugh,
162 Harrishof St., Roxbury
Claim Agt.
Jas. T. Connolly....24 Milk St., Boston
*Supt. & Pur. Agt. F. M. Perry..Foxboro

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Ch. Engr. Pwr. Sta.
Brigham Hewitt.....So. Walpole
M. M., Wm. J. Sheehan..... "
Power sta. equip. 3 d. c. Westg. tot. 825 kw; 1100 hp. e Slater; 850 hp. b. Stir; trolley volt. 575 v.
Power sta. and repair shop at South Walpole.
Reaches Lake View Park.
21.739 miles; 4-8½ g; 22 motor cars, 3 plows, 1 other car. ★127

FRAMINGHAM. 12,948.

(See Nos. 404 and 439.)

FRANKLIN. 5,641.

(See No. 467.)

GARDNER. 14,699.

(See No. 398.)

GILBERTVILLE. 2,065.

(See No. 463.)

GLOUCESTER. 24,398.

423—Bay State St. Ry. Co. — See Boston.
Power sta. equip. 3 d. c. G. E., Westg. tot. 1500 kw; 2300 hp. e. Penn, Ham-Harris; 1270 hp. b. B. & W; trans. & trolley volt. 575 v. 127

GREENFIELD. 10,427.

(See also No. 437)

424—Connecticut Valley St. Ry. Co. —Office, Greenfield. (Connects Greenfield, Deerfield, Whately, Hatfield, Turners Falls, Montague City, Hadley, Amherst and Northampton.) (Controlled by Massachusetts Consolidated Rys.)
Pres. Chas. W. Hazelton..Montague City
V. Pres. & Gen. Mgr.
D. P. Abercrombie, Jr.....Greenfield
Sec. & Asst. Treas.
R. M. Stoughton..... "
Treas. H. A. Crane..... "
Andr. J. E. Donovan..... "
*Gen. Supt. John A. Taggart... "
Asst. Supt.
E. W. Whalen.....Northampton
Claim Agt. Wm. S. Clark.....Greenfield
Gen. Frt. & Express Agt.
Leon Bolster..... "
Pur. Agt. & Supt. Mtv. Pwr. & Equip., F. A. Persons..... "
Ch. Engr. & Supt. of Way, Chas. W. Clapp..... "
M. M., C. J. Cameron..... "
Energy purchased from the Greenfield Elec. Lt. & Pwr. Co; trolley volt. 600 v.
Repair shops at Greenfield.
47 miles; 4-8½ g; 42 motor cars, 3 work cars and 4 snow plows. 67

425—Massachusetts Consolidated Rys. — Office, Greenfield. (Controls through stock ownership the Connecticut Valley St. Ry., the Northern Massachusetts St. Ry. Co. and the Concord, Maynard & Hudson St. Ry. Co.)
Trustees { C. D. Parker.....Boston
R. L. Warner..... "
R. M. Saltonstall..... "
J. W. Stevens.....Greenfield
F. E. Pierce..... "
C. W. Hazelton..Turners Falls
F. H. Payne.....Greenfield
R. F. Tucker.....Boston
R. E. Goodwin.....Concord
E. C. Crosby Brattleboro, Vt.
*Treas. & Clerk,
D. P. Abercrombie, Jr., Greenfield
67

HADLEY, 1,999.

(See No. 424.)

HAVERHILL. 44,115.

426—Bay State St. Ry. Co.—See Boston.
Power sta. equip. 3 d. c. G. E. tot. 2200 kw; 2800 hp. e. Cpr., Cor., Green C. C; 1145 hp. b. Bab. & W; trans. and trolley volt. 575 v. 127

427—Massachusetts Northeastern St. Ry. Co. (Formed by merger of the following street railway companies: Amesbury & Hampton St. Ry. Co., Citizens' Elec. St. Ry. Co., Haverhill & Amesbury St. Ry. Co., Haverhill & Plaistow St. Ry. Co., Haverhill & Southern New Hampshire St. Ry. Co., Lawrence & Methuen St. Ry. Co. and the Lowell & Pelham St. Ry. Co., all in Massachusetts, and Haverhill, Plaistow & Newton St. Ry. Co., Hudson, Pelham & Salem St. Ry. Co., and Seabrook & Hampton Beach St. Ry. Co. in New Hampshire.) (Operates in and connects the following cities and towns: Amesbury, Dracut, Haverhill, Lawrence, Lowell, Merrimac, Methuen, Newbury, Newburyport, Parker River (Old Town), Plum Island, Salisbury and Salisbury Beach, Mass., and Hampton Beach, Hudson, Hudson Centre, Nashua, Newton, Pelham, Plaistow, Salem, Seabrook and Seabrook Beach, N. H.) (Controlled by the New Hampshire Elec. Rys.)
Pres. David A. Belden.....Haverhill
V. Pres. & Gen. Mgr.
Franklin Woodman..... "
*Treas. Fred'k E. Webster..... "
Supt. Lines & Bonding
W. S. Mellon..... "
Claim Agt.
Harry B. Whitehouse..... "
Cashier & Paymaster
Guy H. La Suer..... "
Pur. Agt. Clifton L. Bartlett.... "
Supt. of Western Div.
John H. Matthews, Salem Depot, N. H.
Supt. of Eastern Div.
H. W. MacKay.....Amesbury
Engr. Maint. of Way,
R. D. Hood.....Haverhill
M. M., Richard L. Jones Salem Depot, N. H.
Energy is furnished by Rockingham County Lt. & Pwr. Co., Portsmouth, N. H., and is distributed from seven sub-stations with a total capacity of 4450 kw; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shops are located at Salem Depot, N. H.
Summer park at Canobie Lake, Salem N. H., where also is located Rockingham Park Race Track, Fair Grounds and Country Club. The ocean beach is controlled for twelve miles, including Hampton Beach and Harbor, Seabrook and Salisbury Beach, Newburyport Harbor and Plum Island.
129.44 miles; 140 pass. and 17 other cars, 17 plows. ★127

428 — New Hampshire Electric Railways—Office, 50 Merrimack St. (Holds securities of and controls Massachusetts Northeastern St. Ry. Co., Dover, Somersworth & Rochester St. Ry. Co., Rockingham County Lt. & Pwr. Co., Newmarket Elec. Co. and Granite State Land Co.)
Pres. D. A. Belden.....50 Merrimac St.
V. Pres. M. N. Buckner, New York, N. Y.
Sec. & Treas. F. J. Horne " "
127

HOLYOKE. 57,730.

429—Holyoke St. Ry. Co.—Office, 25 Canal St. (Connects Holyoke, Springfield, Northampton, South Hadley, South Hadley Falls, Chicopee, Chicopee Falls, Westfield, Amherst and Sunderland. Through cars run to Springfield over

lines of Springfield St. Ry. Co., and to Northampton and Florence over the Northampton St. Ry. Co's. lines. Leases Mt. Tom R. R. Co., which owns an electric incline railway extending from Mountain Park, near Holyoke, to top of Mount Tom.)

*Pres., Gen. Mgr. & Pur. Agt.
Louis D. Pellissier.....Holyoke
V. Pres. G. E. Mackintosh ..... "
Sec., Treas. & Claim Agent
Sherrie D. Nevin..... "
Asst. Mgr. & Ch. Engr.
Geo. E. Pellissier..... "
Supt. Geo. H. Hunter..... "
Ch. Engr. Pwr. Sta.
C. L. Sheldon....Berkshire St. "
Roadmaster, Thos. Smith..... "
Engr. Ovhd. Constr.
Geo. Chapin..... "

Power sta. equip. 4 d. c. G. E. tot. 3800 kw; 4900 hp. e. Penn; 2600 hp. b. Bab. & W; trolley volt. 575 v. Purchases 800 kw. from Turners Falls Pwr. Co.

Power sta. at Berkshire St.; repair shops, Canal St.

Reaches Mountain Park (owned), Hampton Ponds and Orient Springs.

71.309 miles; 4-8½ g; 148 motor pass. cars and 36 other cars; 1 elec. loco. ★127

HOPKINTON. 2,452.
(See No. 444.)

HUDSON. 6,743.
(See No. 437).

HYDE PARK. 15,507.

430—Bay State St. Ry. Co.—See Boston.

Pwr. sta. equip. 3 d. c. G. E. tot. 1875 kw; 2900 hp. e. Penn, Greene; 1500 hp. b. Bab. & W; trans. and trolley volt. 575 v. 127

LAKEVILLE. 1,141.

431—Bay State St. Ry. Co.—See Boston.

Energy purchased from New Bedford Edison Co: 2 rot. conv. G. E. tot. 1000 kw. Steam plant held as auxiliary; 1 d.c West. 325 kw; 400 hp. e. Ham. Cor; 750 hp. b. A. & T; trolley volt. 600 v. ★127

LAWRENCE. 85,892.
(See also No. 427.)

432—Bay State St. Ry. Co.—See Boston.

Power sta. equip. 8 d. c. G. E. Westg. tot. 3365 kw; 5100 hp.e. Penn., McI. & S., W.-C; 2510 hp. b. Bab. & W; trans. & trolley volt. 550 v. ★127

LEOMINSTER. 17,580.
(See also No. 421.)

433—Worcester Consolidated St. Ry. Co.—See Worcester.

Power sta. equip. 3 d. c. G. E., West. tot. 550 kw; 2 double current G. E. tot. 800 kw. 3 ph. 25 cys; 900 hp. e. Cpr; 775 hp. b. Stuart, Manning; 719 hp. turb. (wtr.) Hunt, Holy; trans. volt. 13,200 v; trolley volt. 650 v. (Operated as a sub station.) ★18

LEXINGTON. 4,918.
(See No. 444.)

LINWOOD. 920.
(See No. 463.)

LOWELL. 106,294.
(See also No. 427.)

434—Bay State St. Ry. Co.—See Boston.

Power sta. equip. 4 d. c. G. E. tot. 3500 kw; 1 a. c. Allis, 800 kw. 3 ph. 25 cys; 6325 hp.e.Cpr., Allis; 3200 hp. b. A. & T, Bab. & W; trans. volt. 6600; trolley volt. 550 v. 127

LYNN. 95,808 (1915).

435—Nahant & Lynn Street Ry. Co.—Office, foot of Washington St. (Connects Nahant and Lynn.)

Pres. Thos. A. Kelly
629 Summer St., Lynn
V. Pres. & Treas.
Clifton Colburn, 38 Exchange St. "
Sec. W. H. Southwick, 319 Union St. "
*Gen. Mgr., Pur. Agt. & Elec. Engr.
J.E.Dozier, foot Washington St., "
M. M., H. L. Campbell.....Nahant

Power rented from Bay State St. Ry. Co.; trans. & trolley volt. 550 v; repair shops at Nahant.

6.79 miles; 4-8½ g; 17 cars. 67

436—Bay State St. Ry. Co.—See Boston.

Power sta. equip. 7 a. c. G. E. tot. 3950 kw; 5450 hp. e. W.-C, H.-C. Westg, Cpr; 3400 hp. b. Bab. & W., A. & T; trolley volt. 550 v. ★127

MALDEN. 44,404.
(See Nos. 401 and 402.)

MARLBORO. 14,579.
(See Nos. 404 and 471.)

MAYNARD. 6,390.

437—Concord, Maynard & Hudson St. Ry. Co.—Gen. office, Greenfield; local office, Maynard. (Connects Concord, So. Acton, Maynard, Stow, West Acton and Hudson.) (Controlled by the Massachusetts Consolidated Railways.)

Pres. & Claim Agt.
Chas. H. Persons.....Maynard
V. Pres. & Gen. Mgr.
D. P. Abercromble, Jr.....Greenfield
Sec. & Asst. Treas.
R. M. Stoughton..... "
Treas. H. A. Crane ..... "
Audr. John E. Donovan..... "
Gen. Supt. John A. Taggart... "
Pur. Agt. F. A. Persons..... "
Asst. Supt. C. A. Jefts..... "
Ch. Engr. Chas. W. Clapp.... "
Ch. Engr. Pwr. Sta. W. L Stone..Maynard
M. M., Thomas Brownie..... "

Power sta. equip. 2 d. c. Westg. tot. 500 kw; 700 hp. e. Slater; 600 hp. b. Bab. & W; trans. & trolley volt. 500 to 550 v.

Power sta. and repair shop at Maynard.

18.15 miles; 4-8½ g; 16 cars. 67

MEDFORD. 23,209.
(See No. 401.)

MELROSE. 4,000.
(See No. 401.)

MERRIMAC. 2,202.
(See No. 427.)

METHUEN. 11,448.
(See No. 427.)

MIDDLEBORO. 8,214.
(See Nos. 441 and 462.)

MILFORD. 13,055.
(See also No. 467.)

438—Milford, Attleboro & Woonsocket St. Ry. Co.—Gen. Office, 107 Main St., Worcester. (Connects Woonsocket, R. I., Milford, Franklin, Plainville and Bellingham.) (Controlled by the New England Investment and Security Co., Worcester, Mass.)

Pres. Francis H. Dewey.....Worcester
V. Pres. C. V. Wood
Mass. Mutual Bldg., Springfield
Clerk, F. P. McIntyre.....
Mass. Mutual Bldg., "
Treas. L. Candee.....
Mass. Mutual Bldg., "
Audr. J. W. Jamieson.....
Mass. Mutual Bldg., "

Gen. Mgr. H. C. Page.....Worcester
Supt. F. S. Hunnewell.....Attleboro
Pur. Agt. J. F. McCabe
Mass. Mutual Bldg., Springfield
Pass. & Fgt. Agt. R. E. Cosgrove
Mass. Mutual Bldg., Springfield
Elec. Engr. W. L. Harwood... "
Engr. Maint. of Way & Struct.
Howard Whitney.....
Mass. Mutual Bldg. Springfield
Engr. Pwr. Sta. E. R. Swift....Franklin
Foreman Car Inspectors,
D. J. Buckley..... "
Power sta. equip. at Franklin 2 d. c. Westg. tot. 575 kw; 750 hp. e. F. & S; 600 hp. b. Bab. & W; trolley volt. 600 v.
Repair shops at Franklin.
29.78 miles; 4-8½ g; 23 pass. cars, 3 snow plows, 5 work and 2 express cars. ★18

439—Milford & Uxbridge St. Ry. Co.—Office, 76 E. Main St. (Owns Milford, Holliston & Framingham St. Ry. Co., and operates Upton St. Ry. and a part of Grafton & Upton R. R. Also operates the Medway & Dedham St. Ry. Co.) (Connects Framingham, Holliston, Milford, Mendon, Hopedale, Uxbridge, Medway, Hopkinton, Upton, Franklin, Millis, Medfield, Westwood, Dedham and North Grafton).
Pres. D. E. Manson
201 Devonshire St., Boston
V. Pres. J. A. Sperry.New Haven, Conn.
Sec. & Claim Agt. Wendell Williams, Milford
Treas. Jas. E. Walker..... "
Audr. H. P. Young..... "
*Supt., Park Mgr. & Pur. Agt.
Walter L. Adams..... "
Elec. Engr. & M. M., F. Bethel... "
Ch. Engr. Pwr. Sta. F. M. Daniels. "
Roadmaster, H. Rogers..... "
Power sta. equip. 3 d. c. G. E, Westg. tot. 1150 kw; 2 a. c. Stan. tot. 250 kw. s. ph. 66⅔ cys; 1 rot. transf. 150 kw. 10,000 v; 1900 hp. e. F. & S, Slater, McL. & S; 1200 hp. b. Stewart, Dillon; 100 kw. stm. turb. G. E; trolley volt. 575 v.
Power sta. and repair shops at Milford.
Owns Lake Nipmuc Park and reaches Waushakum Park.
71 miles; 4-8½ g; 56 motor pass. cars and 4 other motor cars; 2 trail cars. (Furnishes energy for lighting.) ★127

MILLBURY. 4,740.

440—Worcester Consolidated St. Ry. Co.—See Worcester.
Power sta. equip. 2 a.c. G. E. tot. 11,000 kw. 13,200 v. 3 ph. 25 cys; 3280 hp. b. Edge; 11,000 kw. stm. turb; 2 rotary converters G. E. tot. 600 kw; trans. volt. 13,200 v; trolley volt. 600 v. 18

NATICK. 9,866.
(See No. 444.)

NEW BEDFORD. 115,000. (1917.)
(See also No. 401.)

441—New Bedford & Onset St. Ry. Co.—Office, Purchase & William Sts. (Connects New Bedford, Mattapoisett, Marion, Fairhaven, Wareham, Onset, Bourne, Buzzard's Bay, Monument Beach, So. Wareham, Tremont, Rock, Cape Cod Canal and Middleboro.)
Pres. H. H. Crapo.....New Bedford
V. Pres. E. S. Wilde..... "
Sec. C. A. Cook..... "
Treas. E. F. Nicholson..... "
*Gen. Supt. & Pur. Agt.
Geo. P. Dole.....Wareham
Claim Agt. I. W. Phelps....New Bedford
M. M., W. E. Parker.....Wareham
Roadmaster, F. R. F. Harrison. "
Fgt. Mgr. Chas. T. Battey.. New Bedford
Purchases energy from New Bedford Gas & Edison Lt. Co. 2 rot. conv. G. E. tot. 900 kw. 3 ph. 60 cys; trans. volt. 23,000 v; trolley volt. 600 v.
Owns and reaches Picnic Grove at Mattapoisett.
44 miles; 4-8½ g; 29 pass. cars, 4 other cars and 4 snowplows. (Sells energy to Southeastern Mass. Pwr. & Elec. Co.) 127

442—Union St. Ry. Co.—Office, 814 Purchase St. (Consolidation of New Bedford & Fairhaven St. Ry., Acushnet St. Ry. and Dartmouth & Westport St. Ry.) (Connects New Bedford, Fairhaven, Acushnet, Dartmouth, Westport and Fall River.)
Pres. Henry H. Crapo.....New Bedford
V. Pres. Gen. Mgr. & Pur. Agt.
Elton S. Wilde..... "
Sec. C. A. Cook..... "
Treas. E. F. Nicholson..... "
Supt. Transpt. C. B. Pierce.. "
Claim Agt. & Park Mgr.
I. W. Phelps..... "
Gen. Fgt. Agt. C. T. Battey. "
Ch. Engr. Thos. W. Williams "
*Supt. Equip. Arthur B. Fuller. "
Roadmaster. J. Shaughnessey "
Power sta. equip. 5 d. c. G. E. tot. 4400 kw; 4400 hp. e. F. & S.; 3160 hp. b. Bab. & W; trolley volt. 600 v.
Power sta. and repair shop at New Bedford.
Controls Fort Phœnix Park and Lincoln Park.
63.69 miles; 4-8½ g; 209 motor and 17 other cars; 14 snowplows. 67

NEWBURY. 1,483.
(See No. 427.)

NEWBURYPORT. 14,949.
(See Nos. 461 and 427.)

NEWTON. 39,806.
(See Nos. 444 and 449.)

NEWTONVILLE. 4,850.

443—Boston Suburban Elec. Companies.—Office, 797 Washington St., Newtonville. (A voluntary association and controls Norumbega Park Co. and Middlesex & Boston St. Ry.)
Pres. Adams D. Cladin.....Boston
V. Pres. Sydney Harwood.....Newton
Sec. A. A. Ballantine.....Boston
Treas. Chas. Whipple Smith..... "
*Asst. Treas. G. M. Cox.....Newtonville .77

444—Middlesex & Boston St. Ry.—Office, 797 Wash. St., Newtonville. (Connects Arlington, Ashland, Bedford, Billerica, Concord, Westboro, Hopkinton, Lexington, So. Framingham, Natick, Wayland, Wellesley, Needham, Newton, Waltham, Woburn, Belmont, Sherburne and Watertown. Also operates over the Newtonville & Watertown St. Ry.) (Controlled by Boston Suburban Elec. Cos.)
Pres. J. L. Richards .....Newtonville
V. Pres. & Gen. Mgr.
G. M. Cox..... "
Clk. A. A. Ballantine 84 State St., Boston
Treas. E. M. Richards.....Newtonville
Act'g Asst. Treas.
F. E. Fryhstrand..... "
Supt. Div. 1, S. E. Walker.....Waltham
Supt. Div. 2, Jas. W. Sullivan..Auburndale
Supt. Div. 4, F. P. Quackenbush...Natick
Supt. Div. 5, W. S. Scamman....Lexington
Claim Agt. Pitt F. Drew.....Newtonville
Pur. Agt. F. G. L. Henderson "
Energy purchased from Edison Elec. Illg. Co. of Boston; repair shops at Waltham, Natick and Lexington.
Reaches Norumbega Park, Auburndale, and Lexington Park, Lexington.
130.323 miles; 4-8½ g; 264 motor and 14 other cars, 26 snow plows. ★117j

NORTH ADAMS. 22,019.
(See also No. 450.)

445—Boston & Maine R. R.—(Operates by electricity its trains through the Hoosac Tunnel.) For general officers see Boston.
Div. Supt. J. D. Bourne.....No. Adams
Elec. Supt. L. C. Winship.... "
Energy purchased from Berkshire St. Ry. Co., Zylonite.
22 miles (elec) single phase catenary system; 5 elec. locos. 18

NORTHAMPTON. 19,431.
(See also No. 424.)

446—Northampton St. Ry. Co.—Office, Locust & Hatfield Sts. (Connects Northampton, Easthampton and Williamsburg.)
Pres. Henry M. Tyler.....Northampton
*Treas. & Claim Agt.
Harold J. Campbell..... "
Gen. Mgr. & Pur. Agt.
Louis D. Pellissier..... "
Supt. H. M. Aldrich..... "
Ch. Engr. Pwr. Sta.
Thomas Feeney..... "
M. M., Earl R. Warren..... "
Power sta. equip. 5 d. c. tot. 810 kw; 1200 hp. e. H. O. & R; 800 hp. b. Hol; trolley volt. 550 v.
Power sta. and repair shop at Locust & Hatfield Sts.
27.506 miles; 4-8½ g; 49 motor and 13 other cars. 67

NORTH ATTLEBORO, 9,562.
(See No. 399a.)

NORTHBORO. 1,718.
(See No. 471.)

NORTHBRIDGE. 6,807.
(See No. 468.)

NORTON. 2,544.

448—*Norton, Taunton & Attleboro St. Ry.—Office Norton. (Successor to Norton & Taunton St. Ry. Co.) (Connects Norton, Attleboro, Mansfield and Taunton.)
Ch. Engr. Pwr. Sta.
F. J. Armstrong.....Norton
Power sta. equip. 2 d. c. Walker. tot. 500 kw; 800 hp. e. McI. & S; 800 hp. b. Bab. & W, Heine; trolley volt. 550 v.
Power sta. and repair shop at Norton.
Controls "Woodward Spring" Park.
21.2 miles; 4-8½ g; cars leased. Company carries freight and express matter. 87j

NORWOOD. 6,014.
(See No. 429.)

OAK BLUFFS. 1,084.
(20,000 in summer.)

449—Oak Bluffs St. Ry. Co.—Office, 409 Centre St., Newton. (Leases Martha's Vineyard St. Ry. Co.) (Connects Oak Bluffs and Tisbury (Vineyard Haven.)
*Pres. John C. Hamblin.....Oak Bluffs
V. Pres. Arthur K. Brown, 30 Kilby St., Boston
Treas., Gen. Mgr. & Pur. Agt.
E. D. Colburn.....Oak Bluffs
Purchases energy from Vineyard Ltg. Co.; 2 d. c. G. E. tot. 140 kw.
Repair shops, Vineyard Haven.
Reaches Lagoon Tea Garden.
6.47 miles (owned), 1.125 (leased); 4-8½ g; 6 motor cars, and 1 other car. 116

PALMER. 8,610
(See No. 457.)

PARKER RIVER.
(See No. 427.)

PITTSFIELD. 32,121.

450—Berkshire St. Ry. Co.—Gen. Office, 129 Church St., New Haven, Conn. (Controlled by N. Y., N H. & H. R. R.) (Connects Williamstown, No. Adams, Clarksburg, Adams, Cheshire, Dalton, Hinsdale, Pittsfield, Lanesboro, Lenox, Lee, Stockbridge, Great Barrington, So. Egremont and Sheffield.) (Leases the Vermont Co., which leases the Hoosick Falls R. R. Co. Operates the latter company by agreement with the Vermont Co.)
Pres. Howard Elliott..New Haven, Conn.
Asst. to Pres. E. M. Willis.....Boston
V. Pres. L. S. Storrs...New Haven, Conn.
Clerk & Gen. Mgr.
C. Q. Richmond.....Pittsfield
Asst. Clerk, A. E. Clark New Haven, Conn.
Treas. A. S. May..... " "
Audr. I. A. May..... " "
Supts. { Geo. E. Green..Hoosick Falls, N. Y.
Alex. Shaw.....Pittsfield
W. T. Nary.....No. Adams
Pur. Agt. J. H. Sanford New Haven, Conn.
Claim Agt. A. M. Robinson.....Pittsfield
Supt. Pwr. Stas. H. K. Webber, Zylonite & Adams
Ch. Engr. Pwr. & Equip.
P. W. Ripple.....New Haven, Conn.
Ch. Engr. Pwr. Sta. C. H. Bastow...Pittsfield
M. M., A. C. Colby..... "
Power sta. equip. 9 d. c. G. E., Westg. tot. 8300 kw; 2 a. c. tot. 1500 kw. 3 ph. 25 cys; 9000 kw. stm. turb. West; 7295 hp. e. R. & S, Fitch, Ham. Cor; 7080 hp. b. Dillon, Heine. A. & T, Big. Stuart; trans. volt. 11,000-13,000 and 33,000 v; trolley volt. 625 v.
Power stas. at East St., Pittsfield and Zylonite; repair shops, East St., Pittsfield.
Owns Berkshire Park, Berkshire, and Hoosic Valley Park, North Adams.
142 miles; 4-8½ g; 30 motor pass. cars and 30 other motor cars; 5 other cars; 1 elec. loco. ★127

PLUM ISLAND.
(See No. 427.)

PLYMOUTH. 13,141.

451—Brockton & Plymouth St. Ry. Co.—Office, Plymouth. (Includes Pembroke St. Ry. Co. and Plymouth & Kingston St. Ry. Co., of Plymouth.) (Connects Plymouth, Kingston, Pembroke, Hanson, Whitman and Brockton.)
Pres. A. Stuart Pratt, 147 Milk St., Boston
V. Pres.
C. I. Litchfield, 175 Tremont St.. "
Clerk,
Wm. T. Crawford..147 Milk St., "
Treas.
Henry B. Sawyer, " "
Gen. Mgrs. Stone & Webster " "
Claim Agt.
James T. Conolly 24 Milk St. "
Local Mgr., Pur. Agt. & Elec. Engr.
M. C. Smith.....Plymouth
Ch. Engr. W. R. Morton..... "
M. M. Geo. Semple..... "
Power sta. equip. 2 d. c. G. E. tot. 625 kw; 1 a. c. G. E. 300 kw. 3 ph. 25 cys; 1200 hp. e. McI. & S., Green, Whlk, Brown; 600 hp. b. Kendall; trans. volt. 13,200 v; trolley volt. 575-650 v; also purchases energy from Bay State St. Ry. Co.
Power sta. and repair shop at Plymouth; sub-sta. at Bryantville.
Owns Mayflower Grove.
34.270 miles; 4-8½ g; 28 motor and 8 other cars. (Company sells energy.) ★127

452—Plymouth & Sandwich St. Ry. Co.—Office, 406 Exchange Bldg., Boston. (Connects Plymouth and Manomet. Operates branch line from Sagamore to Sagamore Beach, 1¾ mi.)

Pres. John O'Day.....Boston
V. Pres. M. J. Cashman..... "
*Treas. & Gen. Mgr.
Arthur Lovering..... "
Actg. Supt. E. G. Petersen....Plymouth
Energy purchased from Brockton & Plymouth St. Ry. Co.
6.4 miles; 4-8½ g; 6 motor cars. (Contemplates using one-man cars.) 117

QUINCY. 32,642.

453—Bay State St. Ry. Co.—See Boston.
Power sta. equip. 3 rot. conv. G. E. tot. 2250 kw; 5 a. c. G. E. tot. 10,000 kw. 3 ph. 25 cys; 7500 hp. b. B. & W., A. & T; 15,000 hp. turb. G. E; trans. volt. 13,200 v; trolley volt. 600 v. 127

RANDOLPH. 4,301.

454—Bristol & Norfolk St. Ry. Co.—Office, Randolph. (Connects Holbrook Sta., Randolph, North Stoughton and Stoughton.)
Pres C. D. Rogers,
85 Devonshire St., Boston
Sec. & Treas. R Leslie Ryder,
84 State St., Boston
*Supt. & Pur. Agt.
E. W. Clapp.....Randolph
Energy purchased from Bay State St. Ry. Co.; trolley volt. 550 v.
Repair shops, West St., Randolph.
Reaches Glen Echo Park, Stoughton (leased).
6.44 miles; 4-8½ g; 7 motor and 2 other cars. 67

READING. 5,818.

(See No. 401.)

REVERE. 18,219.

(See No. 401.)

ROCKPORT. 4,211.

(See No. 401.)

SALEM. 43,697.

455—Bay State St. Ry. Co.—See Boston.
Power sta. equip. 6 d. c. G. E., S. & H. tot. 2350 kw; 1500 kw. G. E. rot. conv. 600 v; 4000 hp. e. Ham., Cpr; 3200 hp. b. Natl., A. & T., Bab. & W. Edge; 1 turbo-gen. G. E. 2500 kw. 430 v. 6 ph. 60 cys; trolley volt. 600 v. 127

SALISBURY. 1,698.

(See No. 427.)

SALISBURY BEACH.

(See No. 427.)

SHARON. 2,310.

455a—Norwood, Canton & Sharon St. Ry. Co.—Office, Foxboro. (Connects Norwood, Canton and Sharon.)
Pres. M. A. Cavanaugh
162 Harrishof St., Roxbury
Treas. Joseph B. Murphy.....Taunton
*Supt., Claim & Pur. Agt.
F. M. Perry.....Foxboro
M. M., R. L. Statham .....Sharon
Power rented from Blue Hill St. Ry. Co.; trans. volt. 560 v; repair shops at Sharon.
Reaches Massapoag Grove (controlled).
6.28 miles; 4-8½ g; 7 motor cars, 1 snow plow. ★127

SHELBURNE FALLS. 1,498.

456—Shelburne Falls & Colerain St. Ry. Co.—Office, Shelburne Falls, P. O. Box 505. (Connects Shelburne Falls, Shattuckville, Griswoldville, Lyonsville and Colerain.)
Pres. Freeman L. Davenport. } Shelburne
V. Pres. Chas. W. Hawks.... } Falls
*Clerk, Treas., Gen. Mgr. & Claim Agt.
Deane R. Ainsworth...Shelburne Falls
Andr. Frank L. Reed.....Monroe Bridge
Ch. Engr. Pwr. Sta. & M. M.
G. W. Smead.....Shelburne Falls
Power sta. equip. 3 d. c. G. E., Westg. tot. 425 kw; 150 hp. e. Fitch; 150 hp. b. Dillon; 200 hp. turb. (wtr.) Hol; trans. & trolley volt. 550 v.
Power sta. and repair shop at Frankton.
7.48 miles; 4-8½ g; 14 cars. (Freight business.) Company sells energy. ★18

SOMERVILLE. 77,236.

(See No. 402.)

SPENCER. 6,740.

(See No. 413.)

SPRINGFIELD. 88,926.

457—Springfield St. Ry. Co.—Office, Mass. Mutual Bldg. (Controlled by Springfield Railway Companies, which is in turn controlled by New England Investment & Security Co.) (Connects Springfield, West Springfield, Ludlow, Westfield, Huntington, Chicopee and Chicopee Falls, Longmeadow, East Longmeadow, Agawam, Palmer, Monson, Ware and No. Wilbraham.)
Pres. Clark V. Wood.....Springfield
V. Pres. Francis H. Dewey....Worcester
*Clerk, F. P. McIntyre.....Springfield
Treas. Leverett Candee..... "
Audr. J. W. Jamieson..... "
Gen. Mgr.
Herbert M. Flanders..... "
Supt. Transp.
V. F. Fablan..... "
Fgt. & Pass. Agt.
R. E. Cosgrove..... "
Elec. Engr. W. L. Harwood... "
Engr. Maint. of Way
Howard Whitney..... "
Supt. Springfield Div.
E. L. Putnam "
Supt. Westfield Div.
Roy Chambers.....Westfield
Supt. Palmer Div. S. H. Sayles....Palmer
Pur. Agt. J. F. McCabe.....Springfield
Claim Agt. H. L. Osgood..... "
Ch. Engr. Pwr. Stas R. G. Tyler "
M. M., Geo. S. Webb..... "
Roadmaster. H. J. Sullivan.. "
Power sta. equip. 11 d. c. G. E. Westg. tot. 8125 kw; 2 rot. conv. tot. 600 kw. 3 ph. 25 cys; 10,990 hp. e. Ham-Cor, H. O. & R. Westg, McI. & S; 5370 hp. b. Bab. & W, Big., Stewart; trans. volt. 11,000 v; trolley volt. 600 v. Will secure energy from Turners Falls Pwr. & Elec. Co.
Power sta. foot of Margaret St. Springfield, also Westfield; repair shop, Main and Bond Sts.
Owns Pequot and Forest Lake Parks.
187.50 miles; 4-8½ g; 387 passenger cars, 12 express cars, 30 work cars and 37 snow plows or sweepers. ★18

459—Springfield Railway Companies—Office, Springfield. (Controls the Springfield St. Ry. Co., and is in turn controlled by the New England Investment & Security Co.)
Pres. Francis H. Dewey..... Worcester
V. Pres. A. W. Damon.....Springfield
Sec. F. P. McIntyre..... "
Treas. Leverett Candee..... "
18

STOUGHTON. 6,316.

(See No. 454.)

SWANSEA CENTRE. 1,976.

460—Swansea & Seekonk St. Ry.—Office, Swansea Centre. (Successor to Providence & Fall River St. Ry. Co.) (Connects Fall River, Providence, Seekonk, Rehoboth, Swansea and Somerset.)

Pres. Emery C. Kellogg .....Swansea
V. Pres. Willard C. Gardner..... "
Sec. & Treas. Chas. W. Green....Warren
*Supt. Fgt. Pass. & Pur. Agt.
J. H. Hearn.....Swansea Centre
Purchases energy from Narragansett Elec. Lt. Co.
Repair shops at Swansea Centre.
10.12 miles; 4-8½ g; 18 pass. cars, 3 plows, 3 freight cars and 1 work car.
★18j

TAUNTON. 34,259.
(See also No. 401.)

461—Bristol County St. Ry. Property — Office, 200 Devonshire St., Boston. (Connects Taunton, No. Rehoboth, Attleboro, Seekonk and Pawtucket.)
Receivers { John Lovejoy, 200 Devonshire St., Boston; John A. Arnold, 200 Devonshire St. Boston
*Supt & Pur. Agt.
Arthur C. Ralph.....Taunton
Ch. Engr. Pwr. Sta.
F. D. Clark.....Attleboro
Act'g M. M., John La Comb.... "
Roadmaster, Jos. Gilmore..... "
Power sta. equip. 2 d. c. Ridge. tot. 400 kw; 840 hp. e. Ridge; 850 hp. b. Heine, Frank; trolley volt 550 v.
Power sta. and repair shop, Brigg's Corner, Attleboro.
Reaches Talequega Park, Attleboro (not in operation.)
17.5 miles; 4-8½ g; 18 motor cars and 1 other car. ★127

462—East Taunton St. Ry. Co.—Office, 38 Summer St. (Connects Taunton, East Taunton, Lakeville and Middleboro.)
*Pres. & Pur. Agt. M. A. Cavanaugh
162 Harrishof St., Roxbury
V. Pres. T. F. Cavanaugh.....Taunton
Treas. Jos. B. Murphy..... "
Supt. J. P. Dunn..... "
Energy furnished by Bay State St. Ry. Co.
10.711 miles; 4-8½ g; 18 motor cars, 1 fgt. car and 5 other cars; 2 snow plows. 126†

TEMPLETON. 3,756.
(See No. 398.)

WAKEFIELD. 11,404.
(See No. 401.)

WALPOLE. 4,893.
(See No. 422.)

WALTHAM. 27,834.
(See No. 444.)

WEBSTER. 11,509.

464—Webster & Dudley St. Ry. Co.—(Leased to Worcester Consolidated St. Ry. Co. and controlled by the New England Investment & Security Co.)
Pres. Francis H. Dewey.....Worcester
V. Pres. Clark V. Wood
Mass. Mutual Bldg., Springfield
Clerk, F. P. McIntyre
Mass. Mutual Bldg. "
Treas. Leverett Candee
Mass. Mutual Bldg. "
Audr. J. W. Jamieson
Mass. Mutual Bldg. "
5.66 miles. ★18

465—Worcester & Webster St. Ry. Co.—(Leased to Worcester Consolidated St. Ry. Co. and controlled by the New ment & Security Co
Pres. Fra Worcester
V. Pres. Clark V. Wood
Mass. Mutual Bldg., Springfield
Clerk, F. P. McIntyre
Mass. Mutual Bldg. "
Treas. L. Candee
Mass. Mutual Bldg. "
Audr. J. W. Jamieson
Mass. Mutual Bldg. "
15.99 miles. ★18

WEST BERLIN. 241.

466—Worcester Consolidated St. Ry. Co.—See Worcester.
Power sta. equip. 1 d. c. Walker 225 kw; 375 hp. e. P. & S; 375 hp. b. Dillon; trolley volt. 600 v. (Operated as a substation.) 18

WESTFIELD. 16,044.
(See No. 457.)

WESTWOOD. 1,266.

467—Medway & Dedham St. Ry. Co.—Office, 76 E. Main St., Milford. (Connects Dedham, Medfield and Franklin.) (Leased & operated by Milford & Uxbridge St. Ry. Co.)
Pres. W. W. Ollendorff.....Medway
V. Pres. E. Worthington.....Dedham
Treas. P. A. Woodward.....Franklin
Clerk, Geo. P. Holbrook.....Millis
Supt. W. L. Adams.....Milford
M. M., W. J. Sheehan.....Westwood
Energy purchased from The Edison Elec. Illg. Co. of Boston.
Repair shop at Westwood.
20.30 miles; 4-8½ g; 12 cars. 127

WHITINSVILLE. 4,200.

468—Linwood St. Ry. Co.—Office, Whitinsville. (Operates in Northbridge and connects Linwood and Whitinsville.)
Pres. Geo. B. Hamblin.....Whitinsville
V. Pres. G. M. Whitin..... "
Sec. & Treas. A. S. Noyes.... "
*Supt. Geo. Wilmot..... "
Power purchased.
.795 miles (owned), 1.49 (leased), total 2.285 miles; 4-8½ g; 6 cars. 67

WINTHROP. 10,183.

469—Point Shirley St. Ry. Co.—Office, 350 Atlantic Ave., Boston. (Owned by the Boston, Revere Beach & Lynn R. R. (steam.) (Operates in Winthrop, between Beach Station and Point Shirley.)
Pres. Melvin O. Adams.....Boston
*Treas. Henry L. Hoyt..... "
Supt. John A. Fenno..... "
1.2 miles; 4-8½ g; 1 Edison storage bat. car and 1 auto bus. 127

WOBURN. 15,308.
(See also No. 424.)

470—Bay State St. Ry. Co.—See Boston.
Power sta. equip. 4 d. c. G. E. tot. 3750 kw: 6300 hp. e. Penn, Cpr, Cor.; 2400 hp. b. Bab. & W; trolley volt. 600 v. 127

WORCESTER. 145,986.
(See also Nos. 404, 463 and 465.)

471—Worcester Consolidated St. Ry. Co.—Office, 107 Main St. (Leases North End St. Ry., Worcester & Shrewsbury St. Ry., Worcester & Shrewsbury R. R., Webster & Dudley St. Ry. and Worcester & Webster St. Ry.) (Absorbed the Worcester & Suburban St. Ry. Co., Worcester & Marlboro St. Ry. Co., Leominster & Clinton St. Ry. Co., Worcester & Clinton St. Ry. Co., Clinton & Hudson St. Ry., Fitchburg & Suburban St. Ry., Worcester & Holden St. Ry., Marlboro & Westboro St. Ry., Worcester & Blackstone Valley St. Ry. and Worcester & Southbridge St. Ry. Cos. Controlled

by the New England Investment & Security Co.)
Pres. Francis H. Dewey.....Worcester
V. Pres. Clark V. Wood
Mass. Mutual Bldg., Springfield
Clerk, F. P. McIntyre
Mass. Mutual Bldg. "
Treas. L. Candee
Mass. Mutual Bldg. "
Audr. J. W. Jamieson
Mass. Mutual Bldg., "
Gen. Mgr. H. C. Page.....Worcester
Pur. Agt. J. F. McCabe
Mass. Mutual Bldg., Springfield
Supt. Pwr. Stas.
F. M. Finlayson.....Worcester
Fgt. & Pass. Agt. R. E. Coegrove
Mass. Mutual Bldg., Springfield
Elec. Engr. W. L. Harwood
Mass. Mutual Bldg. "
Engr. Maint. of Way & Struct.
Howard Whitney
Mass. Mutual Bldg., Springfield
Supt. Transp. J. B. Gorman...Worcester
Div. Supts. | Southbridge Div. Wm. Walker..Southbridge; Fitchburg-Leominster Divs. G. H. Burgess, Leominster; Blackstone Div. C. H. Sanborn..Uxbridge
Claim Agt. H. E. Buswell.....Worcester
M. M., Alex J. McPherson..... "

Power stas. equip, 14 d. c. G. E, Westg. Walker tot. 7300 kw; 4 double current G. E. West. tot. 1600 kw; 2 a. c. G. E. tot. 11,000 kw, 13,200 v. 3 ph. 25 cys; 12,125 hp. e. Green-Wheelock, A. & S., F. & S, Cpr, Green, Erie, R. & S, Allis-C; 10,440 hp. b. Bab. & W, Stir, Stewart, Edge, Dillon Manning; 11,000 kw. stm. turb. G. E; 719 hp. turb. (wtr.) Hunt. Hol; trans. volt. 13,000 v; trolley volt. 600 v; also purchases energy from New England Pwr. Co.

Power stas. at Worcester, Millbury, Charlton City, Northboro, West Berlin and Leominster (which see); repair shops at Market St., Worcester.

299.66 miles; 4-8½ g; 525 pass. cars, 9 express cars, 42 work cars, 88 snow plows or sweepers and 2 locos. (Company sells energy.) ★18

472 New England Investment & Security Co.—Offices 107 Main St. (Controls Springfield Railway Cos., Springfield St. Ry. Co., Worcester Consol. St. Ry. Co., Worcester & Webster St. Ry. Co., Webster & Dudley St. Ry. Co., Milford, Attleboro & Woonsocket St. Ry. Co., Interstate Consolidated St. Ry. Co. and Attleborough Branch R. R. Co.)
Pres. Francis H. Dewey.....Worcester
V. Pres. Chas. E. Ware.....Fitchburg
Sec. F. P. McIntyre
Mass. Mutual Bldg., Springfield
Treas. L. Candee
Mass. Mutual Bldg. "
★18

MICHIGAN.

ADRIAN. 10,768.

473—Adrian St. Ry. Co.—Office, 339 Superior St., Toledo, O. (Controlled by the Toledo Trac., Lt. & Pwr. Co., which is controlled by the Cities Service Co.)
Pres. & Gen. Mgr.
Frank R. Coates.....Toledo, O.
V. Pres. (Ch. of Operation)
A. Swarts.....Sylvania, O.
Sec. & Treas.
A. C. Van Driesen.....Toledo, O.
Claim Agt. V. J. Waltz..... "
Traffic Mgr. W. J. Chisholm.... "
Energy from Toledo & Western R. R. Co.; trolley volt. 600 v; repair shops at Adrian and Sylvania, O.
3.89 miles; 4-8½ g; 3 cars. ★18

ANN ARBOR. 14,817.

(See No. 477.)

BATTLE CREEK. 25,267.

(See No. 493.)

BAY CITY. 45,166.

(See No. 500.)

BENTON HARBOR 9,185.

474—Benton Harbor-St. Joe Ry. & Lt. Co.—Office, Benton Harbor. (Controls St. Joe River Route, Paw Paw Lake extension.) (Connects Benton Harbor, St. Joseph, Meadowbrook, Kings Landing, Sebago, Tabor, Eau Claire and Dowagiac and Coloma, Paw Paw Lake and Watervliet.)
*Pres., Treas. & Gen. Mgr.
C. K. Minary.....Benton Harbor
V. Pres. Henning Chambers,
Louisville, Ky.
Sec. L. W. Botts..... "
Gen. Fgt. & Pass. Agt.
J. H Pound.....Benton Harbor
Audr. Oren A. Small..... "
Supt. Transpt. W. E. Welcher "
Supt. Ovhd. C. C. Myers. "
Ch. Engr. Pwr. Sta.
Geo. J. Spalding "
M. M. Jas. F. Logan..... "
Civil Engr. & Roadmaster,
Ray Kenoyer..... "

Energy purchased from Indiana & Michigan Elec. Co; 8 mo-gen. sets G. E. tot. 1575 kw; trans. volt. 26,000 v; trolley volt. 550 v.

Repair shops at Benton Harbor.

Reaches House of David Park.

54 miles; 4-8½ g; 35 city motor pass. cars, 10 inter. motor pass. cars, 6 other motor cars and 21 trail cars. Company furnishes energy for lighting & mfg. ★127

BIRMINGHAM, 1,607.

(See No. 480.)

DETROIT 465,766.

475—Detroit, Almont & Northern R. R.—Office, Interurban Bldg. (Connects Romeo, Almont and Imlay City.) (Controlled by Detroit United Ry.)
Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks.. "
V. Pres. & Audr. Irwin Fullerton "
Sec. A. E. Peters..... "
Treas. & Pur. Agt.
Allen F. Edwards ..... "
Asst. to Pres. W. E. Cann..... "
Asst. Gen. Mgr. E. J. Burdick.... "
Gen. Supt. Harry Bullen..... "
Supt. Pwr. M. F. Maury Werth... "
Claim Agt. F. E. Rankin..... "
Gen. Traffic Mgr. W. S. Rodger... "
Gen. Pass. Agt. J. F. Keys..... "
Gen. Fgt. & Exp. Agt.
Nathan Rumney..... "
M. M., S. Potter.....Highland Pk.
Engr. M. of W., John Kerwin
Harper & Mt. Elliott Aves., Detroit

Energy from Detroit United Ry.; trolley volt. 550 v.

Repair shops at Detroit and Rochester.

Mileage and equipment included in report of Detroit United Ry. (Co. does express & freight business.) ★127

476—Detroit & Highland Park R. R. Co.—Office, Interurban Bldg. (Connects Detroit and Highland Park.) (Controlled by Detroit United Ry.)
Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks.. "
V. Pres. & Audr. Irwin Fullerton. "
Sec. A. E. Peters..... "
Asst. Gen. Mgr. E. J. Burdick.... "
Asst. to Gen. Mgr. W. E. Cann.... "
Gen. Supt. Harry Bullen..... "
Supt. Pwr.
M. F. Maury Werth..... "
Claim Agt. F. E. Rankin..... "
Gen. Traffic Mgr. W. S. Rodger... "
Gen. Fgt. & Exp. Agt.
Nathan Rumney..... "

Gen. Pass. Agt. Jno. F. Keys.....Detroit
Ch. Engr. & Engr. M. of W.
John Kerwin..Harper & Mt. Elliott Aves., Detroit
Signal Engr. C. Conway
Harper & Mt. Elliott Aves., Detroit
M. M. Sylvester Potter....Highland Park
Energy from Detroit United Railway; trolley volt. 550 v.
Repair shops, Highland Park.
Mileage and equipment included in report of Detroit United Ry. ★127

477—Detroit, Jackson & Chicago Ry.—Office, Interurban Bldg. (Owns and operates a city system in Ann Arbor, also branch line from Ypsilanti to Saline. Connects Jackson and Detroit, via Ann Arbor, Ypsilanti and Wayne; also Northville and Detroit via Plymouth and Wayne.) (Controlled by Detroit United Ry.)

Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks.. "
V. Pres. & Audr. Irwin Fullerton. "
Treas. & Pur. Agt.
Allen F. Edwards..... "
Sec. A. E. Peters..... "
Asst. to Pres. W. E. Cann..... "
Asst. Gen. Mgr. E. J. Burdick.... "
Gen. Supt. Harry Bullen..... "
Supt. W. J. Dawson..... "
Asst. Supt. Pwr.
M. F. Maury Werth..... "
Gen. Traffic Mgr. W. S. Rodger.. "
Gen. Fgt. & Exp. Agt.
Nathan Rumney..... "
Gen. Pass. Agt. Jno. F. Keys..... "
Supt. Tracks, Jno. Kerwin..... "
M. M., Sylvester Potter....Highland Park

Power sta. equip. 3 d. c. Westg. tot. 750 kw; 8 a. c. Westg. tot. 2000 kw. 400 v. 3 ph. 25 cys; 3686 hp. e. Westg; 2500 hp. b. Bab. & W, Stir; trans. volt. 22,500 v; trolley volt. 600 v.

Power sta. and repair shop at Ypsilanti.

110.16 miles; 4-8½ g; 36 closed pass. cars, 3 open pass. cars, 5 express and freight cars and 29 other cars. ★127

478—Detroit, Monroe & Toledo Short Line Ry. Co.—Office, Interurban Bldg. (Controls Monroe Trac. Co. and includes Toledo & Monroe Ry. Co.) (Connects Detroit, Toledo, Monroe, Erie, Newport, Wyandotte, Trenton and Rockwood.) (Controlled by Detroit United Ry.)

Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen Mgr. F. W. Brooks.. "
V. Pres. Treas. & Pur. Agt.
Allen F. Edwards..... "
Sec. A. E. Peters..... "
Audr. Irwin Fullerton..... "
Asst. to Pres. W. E. Cann..... "
Asst. Gen. Mgr. E. J. Burdick.... "
Gen. Supt. Harry Bullen..... "
Supt. Pwr.
M. F. Maury Werth..... "
Gen. Traffic Mgr. W. S. Rodger.. "
Gen. Fgt. & Exp. Agt.,
Nathan Rumney..... "
Gen. Pass. Agt. Jno. F. Keys..... "
Supt. J. C. Huston.....Monroe
Ch. Engr. Pwr. Sta.
T. E. Lloyd..... "
M. M., Sylvester Potter..Highland Park

Power sta. equip. 5 a. c. Westg, Allis-C. tot. 4400 kw. 400 v. 3 ph. 25 cys; 1800 hp. e. H. O. & R. Ham. Cor; 2000 hp. b. A. & T. Bab. & W; 3200 hp turb Westg. Allis-C; trans. volt. 16,500 v; trolley volt. 650 v.

Power sta. and repair shop at Monroe.

Owns Monroe Piers.

81.3 miles; 4-8½ g: 26 closed pass. cars, 2 open pass. cars, 4 express and freight cars and 62 other cars. ★127

479—Detroit & Port Huron Shore Line Ry. (Rapid Ry. System.)—Office, Interurban Bldg. (Includes the Rapid Ry., Detroit, Mt. Clemens & Marine City Ry., Port Huron, St. Clair & Marine City Ry., Detroit & Lake St. Clair Ry. and City Elec. Ry. Co. of Port Huron.) (Controlled by Detroit United Ry.)

Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr.
F. W. Brooks..... "
V. Pres. & Audr. Irwin Fullerton. "
Sec. A. E. Peters..... "
Treas. Allen F. Edwards..... "
Asst. to Pres. W. E. Cann..... "
Asst. Gen. Mgr. E. J. Burdick.... "
Gen. Supt. Harry Bullen..... "
Supt. W. M. Quackenbush..Mt. Clemens
Supt. Pwr.
M. F. Maury Werth.....Detroit
Gen. Traffic Mgr. W. S. Rodger... "
Gen. Fgt. Agt. Nathan Rumney... "
Gen. Pass. Agt. Jno F. Keys.... "
Roadmaster, Oliver Chapaton Mt. Clemens
Div. } Jno. McCarthy..... "
Supts. } Jno. Reed.....Port Huron

Power sta. equip. 4 a. c. Westg. tot. 2700 kw. 3 ph. 25 cys; 3600 hp. e. Westg; 2200 hp. b. Bab. & W., Stir; 4800 hp. turb. West, Allis-C; trans. volt. 16,500 v; trolley volt. 625 v.

Power house, New Baltimore; substas. at Roseville, Mt. Clemens, Algonac, St. Clair and Port Huron; repair shops at Roseville and Port Huron.

Owns club house, docks and amusement grounds at Lakeside.

136.4 miles (elec. & steam); 4-8½ g; 57 closed pass. cars, 28 open pass. cars, 7 express and freight cars and 45 other cars. ★127

480—Detroit United Ry.—Office, Interurban Bldg. (Controls Detroit, Jackson & Chicago Ry., Detroit & Port Huron Shore Line Ry. (Rapid Ry. System), River Rouge Ry., Detroit, Monroe & Toledo Short Line Ry., Detroit, Almont & Northern R. R. and Detroit & Highland Park R. R. Co. Includes all street railway lines in Detroit and the following Interurban Divisions: Wyandotte, Orchard Lake, Pontiac, Flint and Grosse Pointe. Connects Detroit, Royal Oak, Rochester, Oxford, Flint; Detroit, Birmingham, Pontiac; Detroit, Redford, Farmington and Northville. Also controls the Sandwich, Windsor & Amherstburg Ry., Windsor, Ont., Can.)

Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks.. "
V. Prests. { Arthur Pack..... "
E. W. Moore....Cleveland, O.
A. J. Ferguson, Montreal, Can.
Treas. & Pur. Agt.
A. F. Edwards.....Detroit
*Sec. A. E. Peters..... "
Asst. Sec. Emma Heise..... "
Gen. Audr. Irwin Fullerton..... "
Asst. Gen. Mgr. E. J. Burdick.... "
Asst. to Gen. Mgr. W. E. Cann.... "
Gen. Supt. Harry Bullen..... "
Asst. Gen. Supt. Paul W. Dohrman "
2nd Asst. Gen. Supt.
Frank W. Brooks Jr..... "
Supt Pwr. M. F. Maury Werth... "
Gen. Claim Attorney
F. E. Rankin..... "
Gen. Claim Attorney
George A. Chapman..... "
Gen. Traffic Mgr. W. S. Rodger... "
Gen. Fgt. Agt. Nathan Rumney... "
Gen. Pass. Agt. Jno. F. Keys..... "
M. M. Sylvester Potter....Highland Park
Supt. of Tracks, John Kerwin....Detroit

Detroit Stas. (Atwater and Riopelle) 11 d. c. G. E, Westg. tot. 10,900 kw; 2 a. c. G. E, Westg. tot. 10,500 kw; 6600 v. 3 ph. 25 cys; 16,850 hp. e. Allis-C, F. & S; 11,200 hp. b. Bab & W, Stir; 10,500 kw. stm. turb. West, G. E.; trans. volt 6600 v; trolley volt. 575 v. Energy also from Detroit Edison Co. 14,500 kw.

Suburban Stas. (Birmingham, Farming-

ton Junct. and Rochester) tot. d. c. gen. 2550 kw. West. Allis-C; tot. a. c. gen. 3950 kw. 400 v. 3 ph. 25 cys. West. Allis-C; 5472 hp. e. ——; 4450 hp. b. ——; tot. stm. turb. 3000 kw. West. Allis-C; trans. volt. 16,500 v; trolley volt. 650 v. Energy also from Eastern Mich. Edison Co., 4000 kw.

Repair shops, Detroit.

505 miles (including Detroit & No. Western Div., Detroit & Pontiac Div. Detroit, Flint & Wyandotte Div., Detroit, Almont & Northern R. R. and Detroit & Highland Park R. R. Co.); 4-8½ g; 1,299 closed pass. cars, 194 open pass. cars, 64 express and freight cars and 194 other cars. ★127

481—Michigan Central R. R. (Detroit River Tunnel Co.)—Office, M. C. R. R. Depot, Detroit. (Operates by electric locomotives through tunnel under Detroit River, between Detroit, Mich. and Windsor, Ont.)

Chmn. H. B. Ledyard.....Detroit
Pres. A. H. Smith,
Grand Central Station, New York, N. Y.
V. Prests. W. K. Vanderbilt, Jr. " "
J. Carstensen..... " "
Henry Russel.....Detroit
A. T. Hardin..New York, N. Y.
*Gen. Mgr. E. D. Bronner.....Detroit
Ch. Engr. J. F. Deimling..... "
Elec. Engr. J. C. Mock..... "
Asst. Elec. Engr. C. G. Winslow... "
Supt. Mot. Pwr. W. H. Flynn..... "
Rd. Foreman of Engines,
W. M. Apted .... "

Energy purchased from Detroit Edison Co.; 2 mo.-gen. G. E. tot. 2000 kw; trans. volt. 4600 v. 3 ph. 60 cys; 3rd rail volt. 650 v. d. c; repair shops, Detroit.

26.1 miles; 4-8½ g; 10 Gen. Elec. locos. ★127

ESCANABA. 13,194.

482—Escanaba Trac. Co.—(Connects Escanaba, Gladstone, Wells and Groos.)

Pres. J. K. Stack..... Escanaba
V. Pres. J. C. Kirkpatrick..... "
*Sec., Gen. Mgr. & Pur. Agt.
P. L. Utley..... "
Treas. M. N. Smith..... "
Audr. H. W. Reade..... Escanaba
Supt. & Elec. Engr.
Edwin F. Zuehlke..... "
M. M., Edw. Anderson..... "
Roadmaster, J. Burke..... "

Power sta. equip. 3 d. c. G. E. tot. 600 kw; 4 a. c. G. E. Allis-C. tot. 4000 kw. 6600 v. 3 ph. 60 cys; 950 hp. e. F. & S; 200 hp. b. Menominee; 7500 hp. turb. (wtr.) Leffel, Allis-C; trans. volt. 6600 v; trolley volt. 550 v.

Power stas. Groos, Chandlers and Escanaba; repair shop at Escanaba.

Reaches South Park and Moose Park.

18.01 miles; 4-8½ g; 11 motor and 13 other cars. Co. furnishes energy for ltg. & pwr. service. 67

FARMINGTON. 564.

(See No. 480.)

FILER CITY. 400.

(See No. 495.)

FLINT. 38,550.

(See No. 480.)

GLADSTONE. 4,211.

(See No. 482.)

GRAND RAPIDS. 112,571.

(See also No. 488.)

483—Grand Rapids, Grand Haven & Muskegon Ry. Co.—Office, 162 Ottawa Ave., N. E. (Owns Grand Haven St. Ry. Co. Connects Grand Haven, Muskegon and Grand Rapids.) (Controlled by United Lt. & Rys. Co.)

Pres. Richard Schaddelee...Grand Rapids
1st V. Pres. &
Gen. Mgr. W. K. Morley.. "
2nd V. Pres. Frank Hulswit "
Sec. L. H. Heinke..... "
Treas. C. M. Hurd ..... "
Audr. L. Jones ..... "
Trainmaster, L. R. McNaughton Fruitport
M. M., C. A. Sibert..... "
Roadmaster B. Rickard..... "
Traffic Mgr. & Claim Agt.
S. L. Vaughan.....Grand Rapids

Power sta. equip. 3 d. c. Westg. tot. 750 kw; 2 a. c. Westg. tot. 500 kw. 3 ph. 60 cys; 1950 hp. e. Westg; 1000 hp. b. Bab. & W; trans. volt. 19,000 v; trolley volt. 625 v.

Power sta. Fruitport, rented to Grand Rapids-Muskegon Pwr. Co.; repair shop at Fruitport; sub-sta. at Coopersville & Walker.

Owns and operates Pomona Pleasure Park at Fruitport.

48 miles (3d rail); 4-8½ g; 34 cars. (Handles through freight to Chicago in connection with Goodrich Transp. Co. and to Milwaukee in connection with the Crosby Transp. Co. from Grand Haven. Also does local freight business.) 127

484—Grand Rapids Ry. Co.—Office, 42 No. Ionia St. (Controlled through stock ownership by Commonwealth Pwr., Ry. & Lt. Co.)

Pres. & Gen. Mgr. Benj. S. Hanchett Grand Rapids
V. Pres. B. C. Cobb.....New York, N. Y.
Sec. & Treas.
L. J. De Lamarter.....Grand Rapids
Asst. Sec'y & Asst. Treas.
S. E. Wolff.....New York, N. Y.
Audr. H. G. Kessler..... " "
Supt. J. C. Madigan.....Grand Rapids
Pur. Agt. W. E. Livingston. "
Claim Agt. F. M. Webster.. "
Ch. Engr. T. C. Roderick.. "

Energy purchased from Consumers Pwr. Co.

Reaches Ramona Park at Reeds Lake (owned), North Park and Comstock Park.

67.75 miles; 4-8½ g; 138 motor pass. cars and 15 trail pass. cars; 27 other cars. ★127

485—American Public Utilities Co.—Office, Michigan Trust Bldg., Grand Rapids. (Controls, through stock ownership, the following properties operated under the management of Kelsey, Brewer & Co.: Albion (Mich.) Gas Lt. Co., Boise (Idaho) Gas Lt. & Coke Co., Elkhart (Ind.) Gas & Fuel Co., Holland City (Mich.) Gas Co., Jackson (Miss.) Lt. & Trac. Co., Merchants' Public Utilities Co., Indianapolis, Ind., Merchants Ht. & Lt. Co., Indianapolis, Ind., Utah Gas & Coke Co., Salt Lake City, Utah, Valparaiso (Ind.) Ltg. Co., and Wisconsin-Minnesota Lt. & Pwr. Co.—operating in Eau Claire, La Crosse, Chippewa Falls and Menomonie, Wisc., and Winona and Red Wing Minn.)

Chmn. of Bd.
Chas. B. Kelsey.....Grand Rapids
Pres. & Gen. Mgr.
Joseph H. Brewer..... "
*Sec. Blaine Gavett..... "
Treas. Willis J. Ripley..... "
Asst. Gen. Mgr.
C. O'B. Murphy..... "
Ch. Engr. L. B. Andrus.... "
Gas Engr. Geo. R. Horning "
127

486—Commonwealth Pwr., Ry. & Lt. Co.—New York office, 14 Wall St. (Controls through stock ownership the Union Ry., Gas & Elec. Co., Springfield (Ohio) Lt., Ht. & Pwr. Co., Grand Rapids, Holland & Chicago Ry., Grand

Rapids Ry. Co., Saginaw-Bay City Ry. Co., Michigan Lt. Co., Consumers Pwr. Co. (Me.), Manistee Ry. Co., Michigan Ry. Co., and Michigan United Rwys.)
Pres. Anton G. Hodenpyl
14 Wall St., New York, N. Y.
V. Prests. { C. M. Clark..Philadelphia, Pa.
Geo. E. Hardy
14 Wall St.,New York, N.Y.
Sec. & Treas. Jacob Hekma
14 Wall St., New York, N. Y.
Asst. Secs. & Asst. Treasrs. { C. A. Pearson, Jr. Philadelphia, Pa.
G. H. Bourne..New York
127

487—United Lt. & Rys. Co.—Offices, 823 Michigan Trust Bldg., Grand Rapids; Davenport, Ia., and 836 Commonwealth-Edison Bldg., Chicago, Ill. (Controls through ownership of all or a large majority of the stock the following companies: Chattanooga (Tenn.) Gas Co.; Cedar Rapids (Ia.) Gas Co.; Cedar Rapids (Ia.) & Marion City Ry.; Ottumwa (Ia.) Gas Co.; Ft. Dodge (Ia.) Gas & Elec. Co.; La Porte (Ind.) Gas & Elec. Co.; Cadillac (Mich.) Gas Lt. Co.; Grand Rapids, Grand Haven & Muskegon Ry. Co; Mason City (Ia.) & Clear Lake R. R. Co.; People's Gas & Elec. Co. (Mason City, Ia.) and Tri-City Ry. & Lt. Co., which serves Davenport, Iowa City and Muscatine, Ia., Rock Island, Moline, East Moline, Ill., and adjoining towns.)
Pres. Frank T. Hulswit....Grand Rapids
1st V. Pres. & Gen. Mgr.
Richard Schaddelee..... "
2d V. Pres. J. F. Porter....Davenport, Ia.
Sec., Asst Treas. & Audr. L. H. Heinke Grand Rapids
Treas. & Asst. Sec.
C. M. Hurd..... "
Asst. Gen. Mgr. B. J. Denman Davenport, Ia.
Pur. Agt. Geo. G. Kuhn.... "
Consit. Engr. T. J. Weber...Grand Rapids
127

HANCOCK. 8,981.

(See No. 489.)

HOLLAND. 12,360 (1914).

488—Grand Rapids, Holland & Chicago Ry.—(Connects Grand Rapids, Jenison, Jamestown, Zeeland, Holland and Saugatuck.) (Leased to Michigan Railway Co. (which see for operating officials) and controlled by the Commonwealth Pwr. Ry. & Lt. Co.)
Pres. J. F. Collins.....Jackson
V. Pres. B. C. Cobb....New York, N. Y.
Sec. G. B. Dobbin.....Jackson
Treas. J. W. Glendening..... "
Asst. Sec. & Asst. Treas.
S. E. Wolff .....New York, N. Y.
Energy purchased from Consumers Pwr. Co.; repair shops at Holland.
Reaches Macatawa Park and Ottawa Beach. Owns and operates Jenison Electric Park, an amusement resort.
76.48 miles; 4-8½ g; equip. included in report of Michigan Ry. Co. ★127

HOUGHTON. 8,000 (1914).

489—Houghton County Trac. Co.—(Does an electric railway business in Houghton and Keweenaw Counties, Mich., connecting the cities and towns of Houghton, Hancock, Red Jacket, Laurium, Lake Linden and Hubbell, and the mining locations of Quincy, Osceola, Wolverine, Allouez, Ahmeek and Mohawk.)
Pres. Harry T. Edgar
147 Milk St., Boston, Mass.
V. Prests. { Thos. N. Perkins " "
F. J. Bawden.....Houghton
Sec. Alvah K. Todd.....Boston, Mass.
Treas. Henry B. Sawyer.... " "
Asst. Treas.
W. H. Kennedy..... Houghton
Gen. Mgrs. Stone & Webster
147 Milk St., Boston, Mass.
Mgr. Earl Milliken.....Houghton
Supt. & Pur. Agt.
John Ralph, Jr.....Hancock
Asst. Supt., Claim Agt. & Park Mgr.
Harry Matthews.....Laurium
Ch. Engr. Pwr. Sta.
W. B. Latimer.....Houghton
M. M., Walter Wuebben .....Hancock
Roadmaster
Emil Willberg..... "
Power sta. equip. 1 d. c. Westg. 500 kw; 1 a. c. Westg. 500 kw. 360 v. 3 ph. 25 cys; 1500 hp. e. St. Louis, Cor., Brown; 625 hp. b. Kendall; trans. volt. 11,000 v; trolley volt. 600 v; also purchases energy from Houghton County Elec. Lt. Co.
Power stas. at Hancock; repair shops at Hancock and Laurium.
Owns Electric Park.
32.2 miles; 4-8½ g; 24 motor and 17 other cars. ★18

IRON RIVER. 1,482.

490—Iron River, Stambaugh & Crystal Falls St. Ry. Co.—Office, First Nat'l Bank Bldg. (System will consist of four different lines radiating from Iron River; division in operation connects Iron River, Stambaugh, Palatka and Gaastra; another line is partly finished to New Caspian, and a third line is projected to the James locations, 2 miles north of town; work on main line to Crystal Falls under way.)
*Pres., Gen. Mgr. & Pur. Agt.
F. D. Sullivan.....Iron River
V. Pres. G. J. Lange... Eau Claire, Wisc.
Sec. Arthur G. Sullivan.. Madison, "
Treas. Geo. W. Robertson, Eau Claire, "
Audr. Fred Papen.....Iron River
Supt. Jos. C. Hines..... " "
Gen. Fgt. & Pass. Agt.
E. S. Sullivan..... " "
Ch. Engr. C. A. Hutchinson... " "
Ch. Engr. Pwr. Sta.
Chas. Branzell..... " "
Engr. M. of W.,
Daniel Finucan..... " "
Energy purchased from Peninsular Pwr. Co; 1 d. c. G. E. 150 kw; 1 a. c. West. 150 kw. 2300 v. 3 ph. 60 cys.
Repair shop and car barn at 105 E. Genesee St., Iron River.
About 6 miles in operation; 4-8½g; 5 motor cars and 1 other car. 67

IRONWOOD. 12,821.

491—Ironwood & Bessemer Ry. & Lt. Co.—Office, 212 W. 2d St., Ashland, Wis. (Absorbed the Gogebic & Iron Counties Ry. & Lt. Co., Ironwood.) (Connects Ironwood and Bessemer, Mich. and Hurley and Gile, Wisc.)
Pres. L. E. Myers
1117 Monadnock Bldg., Chicago, Ill.
V. Pres. L. W. Boisen
1117 Monadnock Bldg., Chicago, Ill.
Sec. & Treas. W. H. P. Weston
1117 Monadnock Bldg., Chicago, Ill.
Audr. L. C. Clark.....Ashland, Wisc.
Gen. Supt.
F. R. Winders..... " "
*Dist. Mgr. Chas. Smeeth.....Ironwood
Ch. Engr. Pwr. Sta.
Fred Becker..... "
M. M., E. Marander..... "
2 d. c. G. E. tot. 600 kw; 6 a. c. G. E. tot. 2625 kw. 2200 v. 3 ph. 60 cys; 900 hp. e. Allis, W. C, Lane; 900 hp. b. Milw. H. S. & G; 2500 hp. turb. (wtr.) Lef; trans. volt. 33,000 v; trolley volt. 660 v.
Power stas. Ironwood and Bessemer, Mich., and Saxon and Mellen, Wis; repair shops, Ironwood and Bessemer.
12.5 miles; 4-8½ g; 12 motor and 6 other cars. (Co. does a general ltg. & pwr. bus-

iness.) (Installing 3000 kw. at Superior Falls on Montreal River; extending line 1.6 miles to Montreal, Wisc.) 127

ISHPEMING. 12,448.

493 — Michigan Gas & Elec. Co.—Office, Ishpeming. Gen. office, Monadnock Bldg., Chicago, Ill. (Successor to Marquette County Gas & Elec. Co.) (A subsidiary of the Middle West Utilities Co.) (Connects Ishpeming and Negaunee.)

Pres. L. E. Myers
1117 Monadnock Bldg., Chicago, Ill.
V. Pres. A. Hargrave
72 W. Adams St., " "
Sec. Oliver E. McCormick
72 W. Adams St., " "
Treas. R. W. Waite
72 W. Adams St., " "
*Audr. & Dist. Mgr. J. D. McDougall
215 So. Main St., Ishpeming
Supt. & M. M. Robt. Strangberg
215 So. Main St., "
Supt. Oper.
R. S. Wilhelm..Jackson St., Negaunee

Power sta. equip. 1 a. c. turbo-gen. G.E. 1500 kw; 275 hp. e. Ide; 1250 hp. b. Bab. & W; trans. volt. 2300-11,500-13,200 v; trolley volt. 600 v.

Power sta. and repair shops at Negaunee.

Reaches Cleveland Park (leased).

5 miles; 4-8½ g; 6 motor and 7 other cars. Furnishes energy for lighting and motors. ★127

JACKSON. 31,433.

(See also No. 494:)

493 — Michigan United Railways Co.—Office, Jackson. (Owns city systems of Lansing, Kalamazoo, Battle Creek, Jackson and interurban roads between Lansing and St Johns, Jackson and Battle Creek, Kalamazoo and Battle Creek, Jackson and Lansing and Lansing and Owosso.) (Leased to Michigan Railway Co. (which see for operating officials) and controlled by the Commonwealth Pwr. Ry. & Lt. Co.)

Pres. Myron W. Mills.....Marysville
V. Pres. B. C. Cobb
14 Wall St., New York, N. Y.
V. Pres. & Gen. Mgr.
J. F. Collins.....Jackson
Sec. G. B. Dobbin..... "
Treas. J. W. Glendening..... "
Asst. Sec. & Asst. Treas.
S. E. Wolff.....New York, N.Y.

Purchases energy from Consumers Power Co.; trolley volt. 600 v.

Repair shops, Albion.

Reaches Pine Lake and Waverly Park, Lansing; Oakwood Park, Kalamazoo; Goguac Park, Battle Creek; Wolf Lake and Vandercook Park, Jackson.

258.90 miles; trolley and third rail; 4-8½ g; equip. included in report of Mich. Ry. Co. ★127

JAMESTOWN. 200.

(See No. 488.)

JENISON. 148.

(See No. 488.)

KALAMAZOO. 39,437.

(See also No. 493.)

494—Michigan Ry. Co.—Office, 219-223 So. Mechanic St., Jackson. (Leases Michigan United Rys. Co. (258 miles) and Grand Rapids, Holland & Chicago Ry. (76.48 miles); also operates high speed line between Saginaw and Flint with a branch to Frankenmuth (48.96); a line between Kalamazoo and Grand Rapids (58.01); and between Allegan and Battle Creek.) (Controlled by Commonwealth Pwr. Ry. & Lt. Co.)

Pres. B. C. Cobb
14 Wall St., New York, N. Y.
V. Prests. H. H. Crowell...989 Michigan Trust Bldg., Grand Rapids
Gen. Mgr. J. F. Collins
Jackson
F. Silliman, Jr....Phila., Pa.
Sec. G. B. Dobbin.....Jackson
Treas. J. W. Glendening..... "
Audr. H. G. Kessler....New York, N. Y.
Gen. Supt. C. E. Morgan....Grand Rapids
Asst. Gen. Supt.
D. McLaughlin.....Jackson
Traffic Mgr. F. W. Brown..Grand Rapids
Gen. Pass. & Fgt. Agt.
G. B. Hunt.....Jackson
Audr. Fgt. Accts. O. H. Degener "
Pur. Agt. H. K. Sherman..... "
Ch. Engr. H. D. Sanderson..... "
Supt. Equipt. R. C. Taylor.....Albion
Elecl. Supt. L. E. Curry.....Jackson
Gen. Roadmaster F. M. Farley... "
Supt. Northeastern Div.
C. H. Smith..... "
Supts. City Lines A. E. Green.....Kalamazoo
C. L. McMahan....Battle Creek
W. E. Roy Arney.....Lansing
J A. Rosenberger
Owosso and Corunna

Energy purchased from Consumers Power Co.; repair shops at Saginaw (for Northern Div.)

151.89 miles (overhead and 3rd rail); 4-8½ g; 241 motor pass. cars, 13 trail pass. cars and 142 other cars. (Includes equip. of Mich. United Rys. Co. and Grand Rapids, Holland & Chicago Ry.) ★127

LANSING. 31,229

(See No. 493.)

MANISTEE. 12,881.

495—Manistee Ry. Co.—Office, 356 River St. (Connects Filer City, Oak Hill and Manistee.) (Controlled by Commonwealth Pwr., Ry. & Lt. Co.)

Pres. Clyde J. Holmes.....Grand Rapids
V. Pres. W. H. Barthold,
New York, N. Y.
Sec. G. B. Dobbin.....Jackson
Treas. J. W. Glendening..... "
Asst. Sec. & Asst. Treas.
S. E. Wolff.....New York, N. Y.
Gen. Mgr. C. S. Kressler.....Manistee

Purchases energy from Consumers Power Co.; trolley volt. 550 v.

Repair shops, Manistee.

Owns Orchard Beach Park on Lake Michigan.

7.64 miles: 4-8½ g; 16 motor pass. cars and 8 trail pass. cars; 3 other cars. ★127

MARQUETTE. 11,503.

496—Marquette City & Presque Isle Ry. Co.

Rec'rs Pres. Morgan W. Jopling / Fred. S. Case..... Marquette
V. Pres. N. M. Kaufman..... "
*Mgr. Chas. Retallic..... "
Supt. C. E. Doidge..... "
Ch. Engr. Pwr. Sta.
West Paquette..... "

Power sta. and repair shop at Presque Isle Ave., Marquette.

Reaches Presque Isle Park.

6 miles; 4-8½ g; 18 cars. 67

MENOMINEE. 10,507.

497—Menominee & Marinette Lt. & Trac. Co.—Office, Menominee. (Connects Menominee, Mich. and Marinette, Wis.)

Pres. Frank A. Spies.....Menominee
V. Pres. G. A. Blesch..... "
*Sec. & Gen. Mgr. Edward Daniell
Menominee
Treas. Harry J. Brown...Marinette, Wis.
Supt. & Elec. Engr.
J. B. Shickel.....Menominee

Pur. Agt. A. W. Raiche.....Menominee
Claim Agt. F. J. Trudell..... "
M. M., Jos. Rocque..... "
Power sta. equip. 3 a.c. Westg. G. E. tot. 3700 kw. 3 ph. 60 cys; 6100 hp. turb. (wtr.) Globe Dayton; trans. volt. 33,000 and 2200 v; trolley volt. 550 v.
Power sta. on Menominee River 20 miles from Menominee; repair shops at Menominee, Mich. and Marinette, Wis.; sub-sta. at Menominee.
Owns Lakeside Park, Marinette, Wis.
19.4 miles; 4-8½ g; 23 motor and 25 other cars. (Company does a general lighting (gas & elec.) and power business.) 127

MONROE. 6,893.
(See No. 478.)

MUSKEGON. 24,062.
(See also No. 488.)

498—Muskegon Traction & Lighting Co.—Office, 36 Morris St. (Connects Muskegon & Muskegon Hts.) (Controlled by the American Lt. & Trac. Co.)
Pres. John Q. Ross.....Muskegon
V. Pres. John T. Young....Grand Rapids
*Sec., Treas. & Audr.
H. P. Lewis.....Muskegon
Gen. Supt., Ch. & Elec. Engr.
Walter Eyke..... "
Claim & Pur. Agt. H. S. Nelson " "
M. M., Chris. Dahl..... "
Roadmaster, Chas. F. Warner.. "
Energy purchased from Consumers Pwr. Co; 2 rot. conv. West. tot. 1250 kw.
Sub-sta. and repair shops at Franklin St. and Michigan Ave.
Owns Lake Michigan Park; building dancing pavilion, dining halls, etc.
14.5 miles; 4-8½ g; 58 cars. Company furnishes gas lighting. ★127

OWOSSO. 9,639.
(See No. 493.)

PONTIAC. 14,532.
(See No. 480.)

PORT HURON. 18,863.
(See also No. 479.)

499—Grand Trunk Ry. Co. (St. Clair Tunnel Co.)—Office, Port Huron; General office, McGill St., Montreal, Can.
Pres. Howard G. Kelley...Montreal, Can.
Asst. to Pres. D. E. Galloway "
V. Pres. V. E. Gillen "
V. Pres. & Treas.
Frank Scott..... "
Sec. W. Tomkins.....Detroit
Comptroller, W. H. Ardley, Montreal, Can.
Supt. W. D. Hall.....Port Huron
Gen. Pur. Agt. Geo. W. Caye
Montreal, Can.
1st Engr. Geo. Mellon.....Port Huron
Elecn. A. M. Green.....Sarnia, Ont.
Power sta. equip. 2 a. c. turbo-gen. Westg. tot. 2500 kw. 3300 v. 3 ph. 25 cys; 350 hp. e. A. B. C.; 1600 hp. b. Bab. & W; 3350 hp. turb. Westg; trans. volt. 3300 v; trolley volt. 3300 v. s. ph.
Power sta. at Military St., Port Huron; repair shops, Port Huron and Sarnia, Ont.
12 miles (approx.) s. ph. catenary elec.; 4-8½ g; 6 (66-ton) elec. locos. ★127

ROCHESTER. 1,516.
(See No. 480.)

ROMEO. 1,787.
(See No. 475.)

SAGINAW. 50,510.

500—Saginaw-Bay City Ry. Co.—Office, Saginaw. (Owns and operates all street railway lines in Saginaw and Bay City and an interurban railway between the two cities.) (Controlled by Commonwealth Pwr., Ry. & Lt. Co.)
Pres. B. C. Cobb,
14 Wall St., New York, N.Y.
V. Prests. { H. T. Wickes.....Saginaw
J. E. Davidson.....Bay City
Gen. Mgr. J. A. Cleveland, Saginaw
Sec. G. B. Dobbin.....Jackson
Treas. J. W. Glendening..... "
Asst. Sec. & Asst. Treas.
S. E. Wolff..14 Wall St., New York, N.Y.
Audr. H. G. Kessler..... " "
Asst. to Gen. Mgr. C. A. Lilley...Saginaw
Claim Agt. P. J. Cunningham.... "
Pur. Agt. —— —— .....Jackson
M. M., L. R. Gaw.....Saginaw
Roadmaster, R. B. Palmer..... "
Park Mgr. L. H. Newcomb.....Bay City
Energy purchased from Consumers Pwr. Co.; trolley volt. 550 v.
Repair shops at Saginaw.
Owns Riverside Park and Wenona Beach on Saginaw Bay.
63.62 miles; 4-8½ g; 102 motor pass. cars and 15 other cars. ★127

ST. JOSEPH. 5,936.
(See Nos. 292 and 474.)

SAUGATUCK. 621.
(See No. 488.)

SAULT STE. MARIE. 12,615.

501—Trans-St. Mary's Traction Co.—Gen. Office, Sault Ste. Marie, Ont. Can. (Has traffic arrangements with International Transit Company's car and ferry line, Soo, Ont. Connects Sault Ste. Marie, Mich., and Algonquin.) (Controlled by The Lake Superior Corpn.)
Recvr. Sherman T. Handy
Sault Ste. Marie, Mich.
Pres. W. C. Franz...Sault Ste. Marie, Ont.
V. Pres. Jas. Hawson " "
Sec. Alex. Taylor
Traders Bk. Bldg., Toronto, Ont.
Treas. E. W. Shell..Sault Ste. Marie, Ont.
Audr. F. M. Turnbull " "
Pur. Agt. C. H. Speer " "
*Supt. J. H. Stewart " Mich.
M. M. Alex. McRedy " "
Energy purchased from Michigan Northern Power Co.; trolley volt. 550 v.
Repair shop at Sault Ste. Marie, Mich.
7.52 miles; 4-8½ g; 8 motor and 3 other cars. 77

STAMBAUGH. 1700.
(See No. 490.)

ZEELAND. 1,982.
(See No. 488.)

MINNESOTA.

BRECKENRIDGE. 1,840.
(See also No. 1165.)

502—Wahpeton-Breckenridge St. Ry. Co.—Office, Breckenridge. P. O. Box 664. (Connects Wahpeton, N. D., and Breckenridge, Minn.)
Pres. Math. Braun.....Wahpeton, N. D.
V. Pres. Frank Miksche....Breckenridge
*Sec. E. H. Elwin..... "
Treas. R. T. Barber.....Wahpeton, N. D.
Gen. Mgr., & Pur. Agt.
H. C. Snyder.....Breckenridge
Purchases energy from Otter Tail Pwr.

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Co., Wahpeton, N. D.; 2 d. c. G. E. tot. 150 kw; trans volt. 2200; trolley volt. 550 v.
Repair shops at Breckenridge.
Reaches Island Park.
1.144 miles; 4-8½ g; 2 motor cars.
67

DULUTH. 94,495. (Est. 1916.)

503—The Duluth St. Ry. Co.—Office, 2631 W. Superior St. (Operates all street railway lines in Duluth, Minn., and Superior, Wis. and reaches the following suburbs: Smithville, Morgan Park, Gary and New Duluth. On Sept. 1, 1917, acquired the property of the Park Point Traction Co.) (Owned by Duluth-Superior Trac. Co.)
Pres. A. M. Robertson .....Minneapolis
V. Pres. & Gen. Mgr.
Herbert Warren.....Duluth
Sec. & Treas. S. L. Reichert..... "
Audr. W. Dwyer..... "
Supt. Duluth Div. H. H. Brown "
Supt. Superior Div. Alfred Williams, Superior, Wis.
Pur. Agt. Otis Birdsall, 2631 West Superior St., Duluth
Claim Agt. R. H. Wellington..... "
Ch. Engr. & Elec'l Engr. J. Carson. "
M. M., R. J. Crawford..... "
Roadmaster, Thos. A. Armstrong "
Energy purchased from Great Northern Power Co. and Duluth Edison Elec. Co.; trans. volt. 30,000 v; trolley volt. 600 v.
Sub. sta. equip. at Park Point, 1 mogen. set 300 hp. 4000 v. 3 ph. 60 cys. direct connected to G. E. gen. 348 amp. 550 v.
Repair shops at 26 Ave. W. & Superior St., Duluth, Park Point, and 4th St. & Ogden Ave., Superior, Wis.
Reaches Lester, Chester, Congdon, Lincoln and Fairmount Parks in Duluth, and Billings City Park in Superior; reaches Park Point, a summer resort.
106.88 miles; 4-8½ g; 147 pass. motor cars and 19 other motor cars. ★18

505—The Duluth-Superior Traction Co—Office, 2631 W. Superior St. (This is a holding company, and owns and controls the Duluth St. Ry. Co., Superior Rapid Transit Co., Lakeside Ry. Co. and Motor Line Co.)
Chmn. of Bd.
A. E. Ames.....Toronto, Ont.
Pres. A. M. Robertson.....Minneapolis
*V. Pres. & Gen. Mgr.
Herbert Warren.....Duluth
Sec. & Treas. S. L. Reichert..... "
127

HASTINGS. 3,983.

(See Nos. 513 and 519.)

HIBBING. 8,882.

(See No. 515.)

INTERNATIONAL FALLS. 1,487

506—American Traction Co.—Office, 340-46 Security Bldg., Minneapolis. (Connects International Falls, Ranier and South International, Minn., and St. Frances, Ont.)
*Pres. A. L. Sortor.....Minneapolis
V. Prests. { Chas. M. Andrist "
L. L. Enger..... "
Sec. & Treas. L. H. Nord International Falls
Audr. Geo. R. Wjar.....Ranier
Gen. Mgr. R. B. Kook, International Falls
Engr. M. of W., Jos. Batdorf International Falls
6.75 miles; 4-8½ g; 2 gasoline cars, 1 Edison storage battery car and 9 other cars. (Electrification contemplated.)
★127

MANKATO. 10,365.

507—Mankato Elec. Trac. Co.—Office, 1101 No. Broad St. (Owned and operated by Mississippi Valley Elec. Co., Iowa City, Ia.)
Pres. J. O. Schulze.....Iowa City, Iowa
V. Pres. & Treas. J. H. Rohret " "
Sec. F. N. Sueppel..... " "
Supt. & Pur. Agt. E. N. Thyse..Mankato
M. M., R. S. Williamson..... "
Energy purchased from Consumers Pwr. Co.; trolley volt. 550 v.
Repair shops, 1101 No. Broad St.
5.3 miles; 4-8½ g; 8 motor and 2 other cars. 127

MAVIE.

(See No. 514.)

MINNEAPOLIS. 301,408.

(See also No. 506.)

508—Minneapolis, Anoka & Cuyuna Range Ry. Co.—Office, 4200 Washington Ave., No. (Connects Minneapolis and Anoka.)
Pres. C. P. Bratnober..... .....St. Paul
V. Pres. Henry Junge..... "
Sec. H. H. Stevens..... ....Minneapolis
Treas. F. H. Stevens..... "
Audr., C. A. Bratnober..... "
Gen. Mgr. A. E. Appleyard..... "
*Supt. & Pur. Agt.
A. A. Kranhold..... ..Anoka
Gen. Fgt. Agt.
H. G. McNeely.....St. Paul
Elec. Engr. M. M. & Engr. Pwr. Sta.
Ed. Maranden.....Anoka
Energy purchased from Minneapolis Gen. Elec. Co.
Car barn and repair shop at Anoka.
19.21 miles (3.77 miles leased); 4-8½ g; 7 motor pass. cars and 1 other motor car; 4 other cars; 1 elec. loco. ★127

509—Minneapolis, St. Paul, Rochester & Dubuque Elec. Trac. Co.—Office, 54th St. & Nicollet Ave. (Connects Minneapolis, St. Louis Park, Savage, Lakeville, Northfield and intermediate points.) (On Dec. 18, 1917 the 14-mile cut-off, extending from Otto Jct. to Luce Line Terminal, was purchased under foreclosure by C. T. Jaffray and associates representing the bondholders' committee.)
*Receiver, C. E. Warner 54th Street & Nicollet Ave.
Audr. R. J. Towey 54th St. & Nicollet Ave.
Gen. Frt. & Pass. Agt.
E. T. Selmer..... " "
Claim Agt.
R. E. Sartell..... " "
M. M., A. F. Morris 60th St. & Nicollet Ave.
Roadmaster, Frank McSweeney Northfield
Repair shops at 60th St. & Nicollet Ave. Owns and reaches Antlers Park.
52 miles; 4-8½ g; 3 gas.-elec. pass. cars, 4 trail pass. cars and 60 other cars; 1 stm. loco. ★127

510—Twin City Rapid Transit Co.—Gen. office, 11th Street and Hennepin Ave., Minneapolis. (Controls the Minneapolis Street Ry. Co., The St. Paul City Ry. Co. and The Minneapolis & St. Paul Suburban R.R. Co). (Connects Minneapolis, St. Paul, Stillwater, Excelsior and Lake Minnetonka.) (The Transit Supply Co., Minnetonka & White Bear Navigation Co., and The Rapid Transit Real Estate Corp. are identified with same interests.)
Pres. Horace Lowry.....Minneapolis
1st V. Pres. E. W. Decker.... "
2d V. Pres. J. R. Mitchell.....St. Paul

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3d V. Pres. & Sec. A. M. Robertson Minneapolis
Gen. Counsel W. D. Dwyer.. "
Treas. E. A. Crosby..... "
Audr. D. J. Strouse..... "
*Asst. to Pres. Edward Karow. "
Gen. Mgr. Foster Hannaford.. "
Gen. Supt. J. J. Caufield..... "
Asst. to Gen. Supt.
O. J. Gilcrest..... "
Actg. Supts. { Minneapolis Div. C. B. Goodsell.... "
St. Paul Div. A. S. Cunningham...St. Paul
Claim Agts. { Minpls. Div. B. F. Winders Minneapolis
St. Paul Div. C. J. Menz St. Paul
Gen. Pass. Agt. A. W. Warnock, Minneapolis
Pur. Agt. Wm. Whiteford.....St. Paul
Engr. Pwr. & Equip.
E. H. Scofield.....Minneapolis
Engr. of Pwr. Sta.
Geo. Caywood..... "
M. M., W. J. Smith.....St. Paul
Engr. Maintenance of Way.
Geo. L. Wilson.....Minneapolis
Park Supt. P. J Metzdorf.....St. Paul

Power sta. equip. 6 a. c. G. E. tot. 65,000 kw. 18,200 v. 3 ph. 35 cys; 5000 hp. e. Allis-C; 15,400 hp. b. Bab. & W; 54,000 kw. turb. stm. G. E; trans. volt. 13,200 v; trolley volt. 600 v.

Power stas. at 6th Ave. S. E. & Mississippi River, Minneapolis; repair shops Snelling & University Aves., St. Paul.

Owns Wildwood Park on White Bear Lake. Reaches all principal lakes and parks of the Twin Cities, also Lake Minnetonka, White Bear Lake and the St. Croix River.

451.4 miles; 4-8½ g; 1102 motor and 65 other cars. (9 steamboats on Lake Minnetonka). §18

510a—Water Works Filtration Ry. (Munic.)—Office, City Hall. (Extends from 36th Ave. N. E. and Central Ave. to City Filtration Plant; connects with "Soo" Ry. outside of city limits. Carries supplies and employees of the City WaterWorks Dept. to Filtration Plant.)
*City Engr. F. W. Cappelen, Minneapolis
Pur. Agt. A. S. Alexander.... "

Energy purchased from Twin City Rapid Transit Co; trolley volt. 550 v.

Repair shop at Filtration Plant.

1.583 miles; 4-8½ g; 1 comb. pass. and freight motor car. §18

MOORHEAD. 5,702 (1915).

(See No. 777a.)

ST. CLOUD. 10,600.

511—St. Cloud Public Service Co.—Office, 507 St. Germain St. (Purchased and consolidated the following companies: Union Power Co., The Public Service Co. and Granite City Ry. Co.)(Leases St. Cloud Wtr. Pwr. Co.) (Connects East St. Cloud, Waite Park and Sauk Rapids with St. Cloud.)
*Pres. A. G. Whitney.....St. Cloud
V. Pres. R. L. Gale..... "
Sec. & Audr A. D. McKenzie.. "
Treas. Wheelock Whitney..... "
Gen. Supt. George M. Marvin.. "
Supt. Ry. W. N. Bethel..... "

Power sta. equip. 3 d. c. Tri. Sprague, tot. 450 kw; 9 a. c. G. E, Allis-C. tot. 3850 kw. 2400 v. 3 ph. 60 cys; 1000 hp. b. Heine; 1750 kw. turb. (stm.) Allis-C; 2100 hp. wtr. turb. Smith. Lef. Allis-C: trans. volt. 16,500 v: trolley volt. 550 v.

Power stas. and repair shop at St. Cloud.

Reaches Athletic Park and Waite Park dancing and swimming pavillion.

9.5 miles; 4-8½ g; 17 motor and 3 other cars. (Sells energy for lighting and power.) ★77

ST. PAUL. 214,744.

(See also No. 510)

512—Great Northern Ry. (Cascade Tunnel.)—Office, St. Paul. (Company has electrified road (2.7 miles) through Cascade Mts. in Washington.)
Pres. Louis W. Hill.....St. Paul
V. Pres. & Gen. Mgr. J. M. Gruber "
Sec. & Treas. L. E. Katzenbach.. "
Compt. R. G. Martin..... "
Claim Agt. D H. Kimball..... "
Pur. Agt. F. A. Bushnell..... "
*Elec. Engr.
E. Marshall..... "
Elec. Supt. L. H. Telfer, Cascade Tunnel, Wash.
Mech. Engr. W. R. Wood.....St. Paul
Engr. Power Sta. T. Mullen, Leavenworth, Wash.
Engr. M. of W., J. R. W. Davis..St. Paul

Power sta. equip. 3 d. c. G. E. tot. 250 kw; 3 a. c. G. E. tot. 6000 kw. 6600 v. 3 ph. 25 cys; 12,000 hp. wtr. turb. Platt; trans. volt. 33,000 v; trolley volt. 6600 v. 3 ph.

Power sta. on Wenatchie River 2.5 miles west of Leavenworth, Wash; repair shops Cascade Tunnel.

6.5 miles elec.; 4-100 ton 3 ph. a. c. elec. locos. ★127

513—St. Paul Southern Electric Ry. Co.—Office, Hastings. (Connects St. Paul, Inver Grove and Hastings.)
Pres. Irving Todd, Jr..... ...Hastings
V. Pres. Otto Ackerman..... "
*Sec., Treas., Supt. & Pur. Agt.
R. M. La Belle..... "
Audr. Con. P. Kuckler..... "
Gen. Mgr. A. R. Walbridge..... "
Ch. Engr. H. A. Genung..... "
Elec. Engr. & Ch. Engr. Pwr. Sta. Emil Lorentz, St. Paul
Engr. M. of W. Andrew Breckner "
Engr. Ovhd. Constr.
Andrew Anderson..... "

Purchases energy from River Falls Pwr. Co.; 1 rot. conv. West. 300 kw; trans. volt. 33,000 v; trolley volt. 600 v.

Sub-sta. at Pine Bend; repair shops at Hastings and Inver Grove.

125 miles projected; 17.54 miles in operation; 4-8½ g; 4 motor pass. cars and 1 other car. (Extension from Hastings to White Rock, 23 miles, under construction.) ★127

THIEF RIVER FALLS. 3,714.

514—Minnesota Northwestern Elec. Ry. Co.—Office, Cor. Second & Labree Aves., Thief River Falls. (Operates from Thief River Falls through Silverton and Mavie to Goodridge.)
Pres. & Treas Daniel Shaw } Thief River
V. Pres. D. N. Winton, } Falls
954 Security Bldg., Minneapolis, Minn.
*Sec., Gen. Mgr. & Pur. Agt.
H. W. Protzeller.....Thief River Falls
Audr. E. M. Schutt..... " "
Supt. of Mot. Pwr.
W. R. Patterson..... " "
Repair shops at Thief River Falls.
19.87 miles: 4-8½ g: 1 gas-elec. car. (Does freight business.) 67

VIRGINIA. 10,473.

515—Mesaba Ry. Co.—Office, Virginia. (Connects Virginia, Hibbing, Eveleth, Chisholm, Mountain Iron, Gilbert, Kinney, Buhl and Genoa.)
Pres. Oscar Mitchell Atworth Bldg., Duluth
V. Pres. R. W. Watson 61 B'way., New York, N. Y.
Sec. A. S. Whiting, Atworth Bldg., Duluth
Treas. P. L. Saltonstall 53 State St., Boston, Mass.

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Audr. & Pur. Agt.
J. O. Bergeson.....Virginia
*Gen. Mgr. Ray W. Reynolds.... "
Claim Agts.
Washburn, Bailey & Mitchell...Duluth
M. M., L. W. Hayes.....Virginia
Roadmaster, Henry K. Greenwood "
Energy purchased from Great Northern Pwr. Co; trans. 23,000 v; trolley volt. 725 v.
Power sta. and repair shops at Virginia.
35 miles; 4-8½ g; 13 motor cars, 8 other cars. 67

WINONA. 24,000. (1914).

516—Wisconsin Ry., Lt. & Pwr. Co.—1410 First National Bank Bldg., Milwaukee, Wis. (Successor to the Winona Ry. & Lt. Co., and owns and operates the former property of the La Crosse City (Wis.) Ry. Co. and the La Crosse Wtr. Pwr. Co.)
Pres. Clement C. Smith..Milwaukee, Wis.
V. Prests. { Peter Valler.....La Crosse, Wis. / Henry L. Rice..Milwaukee "
Sec. & Treas.
Howard Greene..... " "
*Compt. Chas. C. Major.. " "
Audr. S. M. Rothermel.....Winona
Mgr. R. M. Howard..... "
Pur. Agt. T. F. Kaap..... { Milwaukee,
Ch. Engr. Chas. A. Ewing.. { Wis.
Pwr. stas. equip: 2 d. c. G. E. tot. 400 kw; 4 a. c. turbo-gen. G. E, Allis-C. tot. 7500 kw. 4000-2300 v. 3 ph. 60 cys; 3400 hp. b. Bab. & W., Stir; 600 hp. turb. (wtr.) Smith; trans. volt. 44,000 v; trolley volt. 575 v.
Hydraulic sta., Hatfield; steam reserve at Winona; trans. lines from Hatfield to Winona and La Crosse; repair shops a Winona.
7.5 miles; 4-8½ g; 15 motor cars. Company does lighting in Winona and Onalaska. ★127

MISSISSIPPI.

BILOXI. 8,049.

(See No. 519.)

COLUMBUS. 8,998.

517—Columbus Ry., Lt. & Pwr. Co.—Office, 512 Main St.
Pres. R. T. Fant.....Memphis, Tenn.
V. Pres. L. K. Salsbury.. " "
Sec. & Treas. R. B. Claggett, Greenville
*Mgr. Chas. Hays.....Columbus
Engr. Pwr. Sta. R. K. Anderson
15th St., South "
Power sta. equip. 1 d. c. G. E. 250 kw; 3 a. c. turbo-gen. G. E. tot. 750 kw. 2300 v. 3 ph. 60 cys; 1450 hp. e. H. F. & M, G. E; 1500 hp. b. Keeler, Bab. & W; trans. volt 2300 v; trolley volt. 600 v.
Power sta. 15th St. So; repair shops 2d Ave., So.
Owns and reaches Lake Park.
6.8 miles; 4-8½ g; 10 motor and 3 other cars. Co. does general lighting business. 67

GREENVILLE. 9,610.

518—Delta Light & Traction Co.—(Successor to Delta Elec. Lt., Pwr. & Mfg. Co.) Office, Greenville.
Pres. F. N. Robertshaw .....Greenville
V. Pres. L. K. Salsbury...Memphis, Tenn.
*Sec. Treas. & Gen. Mgr.
R. B. Claggett.....Greenville
Audr. H. H. Harris.....Memphis, Tenn
Supt. E. J. Lens.....Greenville
Ch. Engr. W. L. Myers..... "
Elec. Engr. P. Anerswald..... "
Power sta. equip. 2 d. c. G. E, tot. 250 kw; 3 a. c. G. E, West. tot. 850 kw. 2300 v. s. & 3 ph. 60 cys; 1500 hp. e. F. & S, Rus., Skur, Westg; 1200 hp. b. Vogt; 300 kw. stn. turb. Westg; trans. volt. 2300 v; trolley volt. 500 v.
Power sta. and repair shop, Greenville. Reaches park.
7.75 miles; 4-8½ g; 11 motor cars and 1 other car. (Co. does general lighting and power business.) 127

GULFPORT. 6,386.

519—Gulfport & Mississippi Coast Traction Co.—(Purchased street railway and lighting plant of the Gulfport Development Co. and Biloxi Elec. Ry. & Pwr. Co.) (Connects Biloxi, Beauvoir, De Buys, Mississippi City, Gulfport, Long Beach, Harborview and Pass Christian.)
Pres. W. T. Stewart.....Gulfport
V. Pres. J. A. Van Clostere..... "
Sec. J. C. Simpson..... "
Treas. P. A. Stillwell..... "
*Gen. Mgr. & Pur. Agt.
W. F. Gorenflo..... "
Elec. Engr. W. H. Pelaez..... "
Ch. Engr. Pwr. Sta. E. W. Crispin "
M. M., E. J. Scott..... "
Power sta. equip. 3 a. c.. G. E., Westg. tot. 4000 kw. 2300 v. 3 ph. 60 cys; 2000 hp b. Bab. & W; 4500 hp turb. G. E, West; trans. volt. 13,200 v; trolley volt. 600 v.
Power sta. Gulfport; repair shops at Gulfport and Biloxi.
30 miles; 4-8½ g; 20 motor and 2 trail cars. Co. furnishes energy for lighting. 67

HATTIESBURG. 11,738.

520—Hattiesburg Traction Co.—Office, 112 Main St. (Controlled by the Meridian Lt. & Ry. Co., which in turn is controlled by the Cities Service Co., 60 Wall St., New York City.)
Pres. Henry L. Doherty..... { New York,
V. Prests. { H. H. Scott..... { N. Y.
{ Gen. Mgr. & Pur. Agt.
{ H. F. Wheeler..Hattiesburg
Sec. F. G. Austin..... "
Treas. A. B. Paterson..... "
Supt. & Roadmaster, B. M. Smith "
M. M., W. L. Boucher..... "
Power sta. equip. 1 d.c. Allis-C. 150 kw; 1 West. turb. 1000 kva; 1 rot. G. E. 200 kw; 1100 hp.e. Allis-C; 900 hp.b. Heine; trans. volt. 2300; trolley volt. 600 v.
Reaches Kemper Park.
7.48 miles; 4-8½ g; 13 passenger and 3 other cars. Co. does lighting. ★18

JACKSON. 21,262.

521—Jackson Lt. & Trac. Co.—Office, 504 E. Capitol St. (Controlled by the American Public Utilities Co.)
Pres. Joseph H. Brewer { Grand Rapids Svg. Bk. Bldg., Grand Rapids, Mich.
Sec. Blaine Gavett..... "
Treas. Willis J. Ripley. "
Gen. Audr. R. L. Aage.. "
Gen. Mgr. & Pur. Agt.
L. O. Gordon..... ..Jackson
Com. Mgr. W. R. Robinson..... "
Supt. J. W. Browne..... "
Ch. Engr. Pwr. Plant
J. Ross Sharp..... "
M. M., J. C. Matthews..... "
Power sta. equip: 3 d. c. G. E. tot. 750 kw; 3 a. c. mo-gen. G. E. tot. 3000 kw. 2300 v. 3 ph. 60 cys; 1550 hp. b. Sterling, Bab. & W; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. and repair shop, Tombigbee and Commerce Sts.
13.5 miles; 4-8½ g; 20 motor cars. Company furnishes electric and gas lighting. ★127

LAUREL. 8,465.

522—Laurel Lt. & Ry. Co.—Office, Laurel. (Connects Laurel and Ellisville.)

Pres. Guy M. Walker
60 Broadway, New York, N. Y.
*Sec., Treas. & Gen. Mgr.
S. M. Jones.....Laurel
Audr. & Pur. Agt. J. J. Mundell.. "
Supt. Ry. N. H. Halifield..... "
Supt. Pwr. Sta. Chas. Bynum..... "
Ch. Engr.
C. L. Foster..... "
Engrs. { A. T. Blanks..... "
Pwr. Sta. { C. N. Walborn..... "

Power sta. equip. 2 d. c. G. E., Allis-C tot. 500 kw; 3 a. c. G. E, Allis-C, tot. 1500 kw. 2300 v. 3 ph. 60 cys; 300 hp. e. F. & S; 1200 hp. b. Sterling; 1300 kw. stm. turb. Allis-C; trans. volt. 13,000 v; trolley volt. 650 v.

Power sta. and repair shop, Laurel.

Reaches park halfway between Laurel and Ellisville.

14 miles: 4-8½ g; 11 motor cars and 3 other cars. (Company does general lighting and power business.) ★127

MERIDIAN. 23,285.

523—Meridian Lt. & Ry. Co.—Office, 8th St. & 22nd Ave. (Controls the Hattiesburg Trac. Co. and is itself controlled by the Cities Service Co., 60 Wall St., New York City.)
Pres. H. L. Doherty,
60 Wall St., New York, N. Y.
V. Pres. F. W. Frueauff " "
2d V. Pres. Gen. Mgr. & Pur. Agt.
H. E. Brandli..... Meridian
Sec. & Treas. L. H. Archer..... "
Asst. Sec. & Asst. Treas.
Carl B. Gilbert.....New York, N. Y.
Supt. Ry. Ira H. McArthur.....Meridian
Claim Agt. C. M. Wright..... "
Pur. Agt. J. H. Harrison..... "
Ch. Engr. Pwr. Sta., F. L. Bailey "
Elec. Supt. Adrian Knight..... "
M. M., A. J. Carter..... "
Roadmaster, J. T. Merrill..... "

Power sta. equip. 1 rot. G.E. 600 kw; 1 d.c. C.-W. 500 kw. 550 v; 3 a. c. G. E. tot. 4720 kw. 2300 v. 3 ph. 60 cys; 1775 hp. e. Heine Sterling; 2250 hp. b. Heine, Bab & W: 4000 hp. turb. (stm.) G. E; trans. volt. 2300 v; trolley volt. 550 v.

Power sta., 2nd St. & 27th Ave.; repair shop, 34th Ave. & 9th St.

Reaches Highland Park.

13.12 miles; 4-8½ g; 23 motor and 15 other cars. (Company furnishes lighting and power.) 18

NATCHEZ. 11,791.

524—Southern Ry. & Lt. Co.—(Owns and operates the electric and gas plants in Natchez.)
*Pres. & Gen. Mgr. Frank J. Duffy. Natchez
V. Pres. E. H. Ratcliff..... "
Sec. & Treas. J. W. Billingsley
New Orleans, La.
Elecl. & Ch. Engr. Wm. F. Cox. Natchez

Power sta. equip. 2 d.c. G.E. tot. 400 kw; 3 a. c. G. E. tot. 650 kw. 3 ph. 60 cys; 1000 hp. e. R. & F., Fulton, F. & S; 800 hp. b. Bab. & W; trolley volt. 550 v.

Power sta. and repair shop at St. Catherine St.

Reaches Concord Park.

7 miles; 4-8½ g; 12 cars. (Furnishes power and lighting.) 67

PASCAGOULA. 8,379.

525—Pascagoula St. Ry. & Pwr. Co.—Local office, Pascagoula; general office, Louisville, Ky. (Controls Moss Point & Pascagoula Ry. Co.) (Connects Pascagoula, Scranton, East Side and Moss Point.)
Pres. & Gen. Mgr.
S. S. Bush.....Louisville, Ky.
Sec. J. D. Winston..... "
Treas. Columbia Trust Co. "
*Gen. Supt. Louis J. Fohr....Pascagoula
Gen. Fgt. Agt.
W. P. Cowles.....Moss Point
Supt. Transp. A. Simms.....Pascagoula
Ch. Engr. J. Higginbotham.. "
Ch. Elecn. Louis Blackshear.. "
M. M., J. W. Powell..... "

Power sta. equip. 1 d. c. G. E. 225 kw; 1 a. c. G. E. 150 kva. 2300 v. 3 ph. 60 cys; 1 rot. conv. 150 kw; 500 hp. e. H. F. & M; 600 hp. b. Bab. & W; trans. volt. 2300 v; trolley volt. 550 v.

Power sta. and repair shop at Pascagoula.

8.36 miles; 4-8½ g; 5 motor pass. cars, 2 trail pass. cars and 1 other motor car; 4 other cars. Does lighting and power business; also ice plant. ★127

SCRANTON. 2,025.

(See No. 525.)

VICKSBURG. 20,814.

526—Vicksburg Lt. & Trac. Co.—Office, Vicksburg. (Connects Vicksburg and Walters.) (Owned and operated by Union Utilities Co., which is owned by Elston & Co., Chicago, Ill.)
Pres. Wm. B. Walter,
11 So. La Salle St., Chicago, Ill.
V. Pres. { New York
Joseph N. McCallum.... { Life Bldg.,
Sec. & Treas. I. C. Elston.. { Chicago, Ill.
*Gen. Mgr. E. S. Myers.....Vicksburg
Supt. Ry. Dept. C. E. Warwick "
Claim Agt. C. B. Booth..... "
Pur. Agt. J. D. Scott..... "
Ch. Engr. Pwr. Sta.
C. A. Barnes..... "
M. M. Frank Horton..... "
Engr. Ovhd. Constr.
C. M. Pollock..... "

Power sta. equip. 2 d. c. G. E. tot. 500 kw; 3 a. c. turbo-gen. G. E. tot. 2750 kw. 2300 v. 3 ph. 60 cys: 1500 hp. b. Stir, Heine; trans. volt. 2300 v: trolley volt. 550 v.

Power sta. and repair shops at Pine St.

Reaches Baseball and Suburban Parks.

11 miles; 4-8½ g; 20 motor pass. cars and 2 other motor cars. Co. furnishes energy for lighting. ★18

YAZOO CITY. 6,796.

527—Munic. St. Ry.—Office, Yazoo City.
*Supt. James S. Butler.....Yazoo City
Ch. Engr. Pwr. Sta.
W. G. Middleton..... "

Power sta. equip. 1 d. c. G. E. 150 kw; 2 a.c. G.E, Stan. tot. 300 kw. 2 ph. 60 cys; 600 hp. e. H. F. & M, Bckye; 450 hp. b. Scotch Marine; trans. volt. 2300 v; trolley volt. 550 v.

4 miles; 4-8½ g; 5 cars. ★127

MISSOURI.

BONNE TERRE.

(See No. 531.)

CAPE GIRARDEAU. 8,475.

528—Cape Girardeau-Jackson Interurban Ry. Co.—Office, 400 B'way, Cape Girardeau. (Leased to and operated by the Light & Development Co. of St. Louis.)
Pres. W. H. Harrison.....Cape Girardeau
Sec. & Treas.
R. G. Whitelaw..... " "
Pur. Agt. Phil Ziegenfuss
Railway Exchange Bldg., St. Louis
Gen. Mgr. E. A. Hart....Cape Girardeau
Ch. Engr. Pwr. Sta.
W. L. Hall..... " "
M. M. & Roadmaster
M. M. McLain..... " "

Energy purchased from Missouri Public Utilities Co; 2 d. c. Westg. tot. 200 kw;

300 hp. e. Fulton, Cor, Chuse; 300 hp. b. O'Br; trolley volt. 600 v.
Power sta. and repair shops, 506 Main St.
Reaches amusement park.
5 miles; 4-8½ g; 9 motor and 3 other cars. x127

CARROLLTON. 3,453.

529—Wtr., Lt. & Transit Co.—Office, Folger & 1st Sts., Carrollton.
Pres. S. J. Jones.....Carrollton
V. Pres. T. L. West..... "
Sec. P. L. Trotter..... "
Treas. J. O. Shinn..... "
Audr. Edwin Peltier..... "
Gen. Mgr. H. W. Graham..... "
*Ch. Engr. F. McDonald..... "
Supt. Ovhd. Jack Tandy..... "
Power sta. equip. 2 d. c. Westg. tot. 250 kw; 2 a. c. Allis-C. tot. 600 kw. 2300 v. 3 ph. 60 cys; 450 hp. e. Ide, Ball, Fulton; 700 hp. b. Stir, Mur; 400 kw. turb. (stm.) Allis C.; trans. volt. 2300 v; trolley volt. 550 v.
Power sta. South Carrollton; repair shop at Carrollton car barn.
Amusement park, owned by company, under construction.
1.635 miles: 4-8½ g; 5 motor and 2 other cars. Co. does general lighting and power business. 18

CASSVILLE. 781.

530—Cassville & Western R. R. Co.—Office, Cassville. (Connects Cassville and Exeter.)
*Pres. S. M. Mitchell.....Cassville
V. Pres. O. H. Orendorff, Eureka Springs, Ark.
Sec. W. T. Ayres.....Cassville
Treas. C. M. Robeson.....Neosho
Audr. S. C. Mitchell.....Cassville
Gen. Mgr., Pur. Agt. & Ch. Engr. L. B. Mitchell..... "
Gen. Fgt. & Pass. Agt. W. T. Priest "
Power sta. equip. 1 d. c. Ideal 300 kw; 200 hp. e. Ideal; 250 hp. b. U. I. W; trolley volt. 600 v.
Power sta. and repair shops, Cassville. Controls Electric Park.
5 miles; 4-8½ g; 2 motor and 2 other cars. 67

FARMINGTON. 2,613.

531—St. Francois County R. R. Co. Office, Bonne Terre. (Connects Flat River on the north with De Lassus on the south, passing through Esther and Farmington.)
Pres. M. P. Cayce.....Farmington
*V. Pres. & Gen. Mgr. F. J. Thomure.....Bonne Terre
Sec. & Treas. F. H. Dearing.. "
Audr. G. A. Neea..... "
Supt. J. W. Brannan.....Farmington
Gen. Fgt. & Pass. Agt. C. M. Swan.....Bonne Terre
Pur. Agt. Hans Schantl..... "
Power sta. equip. 2 d. c. W. E. tot. 300 kw; 450 hp. e. Chuse; 450 hp. b. Brnl. O'Br; trolley volt. 550 v.
Power sta. and repair shop at Farmington.
10 miles; 4-8½ g; 4 motor cars and 1 other car. (Has freight traffic arrangement with Missouri-Pacific, Illinois Southern Ry. and Mississippi River & Bonne Terre Ry.) 77

HANNIBAL. 18,341.

532—Hannibal Ry. & Elec. Co.—Office, W. Market St. (Successor to Hannibal Traction Co.) (Connects Hannibal and Oakwood.)
Pres. Wm. Mainland.....Oshkosh, Wis.
V. Pres. & Treas. S. Mainland..... "
*Sec., Gen. Mgr. & Pur. Agt. John S. Mainland.....Hannibal
Audr. R. E. Chase.....Oshkosh, Wis.
Supt. Elec. Engr. & M. M. Peter Swartz.....Hannibal
Energy from City of Hannibal; rotary converter, G. E. 200 kw. 575 v. 3 ph; trans. volt. 550 v; trolley volt. 575 v.
Repair shops, Oakwood and West Market St., Hannibal.
Reaches Settler's Park in Oakwood.
6 miles; 4-8½ g; 13 motor cars and 1 other car. 127

INDEPENDENCE. 9,859.

(See No. 536.)

JEFFERSON CITY. 11,560.

533 — Jefferson City Bridge & Transit Co.—Office, 101 E. High St., Jefferson City. (Connects Jefferson City, South Cedar City and North Jefferson.) (Part of Illinois Traction System.)
Pres. W. B. McKinley....Champaign, Ill.
V. Pres. Thos. L. Price....Jefferson City
Treas. W. H. Carnahan..Champaign, Ill.
Audr. B. E. Bramble.....Peoria, Ill.
Gen. Supt. R. F. Palmblade Jefferson City
Supt. H. J. Hallerorth..... " "
Pur. Agt. H. J. Vance.....Peoria, Ill.
M. M., H. S. Beck.....Jefferson City
Energy purchased from Jefferson City Lt., Ht. & Pwr. Co.
Reaches Electric Park, Houchins Driving Park and McClung Park.
7 miles; 4-8½ g; 12 motor cars and 1 other car. 127

JOPLIN. 32,073.

(See Nos. 341 and 552.)

KANSAS CITY. 248,381.

(See also Nos. 336, 337 and 341.)

534—Blue Valley Ry.—Office, 514 Bryant Bldg. (Will connect Kansas City, Leeds and Swope Park.)
Pres. Alex Massey 514 Bryant Bldg., Kansas City
V. Pres. P. G. Walton New England Nat'l. Bank, "
*Sec. & Treas. B. J. Hickman Scarrett Bldg., "
Elec. Engr. F. W. Wallenhaupt.....Independence
Ch. Engr. D. W. Pike.....Kansas City
Energy purchased from The Kansas City Rys. Co.
Reaches Blue River Park (controlled).
1.25 miles in operation; 4-8½ g; 2 cars. 127

535—Kansas City, Clay County & St. Joseph Ry. Co. (The Mo. Short Line)—Office, 13th & Walnut Sts. (Connects Kansas City, Liberty, Excelsior Springs, Dearborn, Camden Point and St. Joseph.) (Controls St. Joseph Elec. Ry. Co.)
Pres. P. L. Saltonstall, 53 State St., Boston, Mass.
*V. Pres. & Gen. Mgr. J. R. Harrigan.....Kansas City
Sec., Treas. & Audr. W. S. Tuley..... "
Gen. Supt Chas. W. Ford.... "
Supt. Transpt. J. A. Weimer, No. Kansas City
Claim Gen. Frt. & Pass. Agt. R. S. Mahan.....Kansas City
Pur. Agt. E. T. Rowland..... "
Supv. of Sub-stas. L. W. Brunner..... "
Supv. of Signals O. V. Holmes..... "
M. M., Jno. N. Spellman No. Kansas City
Roadmaster, Geo. Wagner " "
Energy purchased from Kansas City

Rys. Co.; West. transf; trans. volt. 33,000 v. a. c; trolley volt. 1350 d. c.
Repair shops, No. Kansas City, Mo.
Reaches Wennwood Lake.
88.6 miles; 4-8½ g; 27 motor and 15 other cars; 1 Amer. Hoist & Derrick Co. elec. ditcher. ★127

536—The Kansas City Rys. Co.—Office, 1500 Grand Ave. (On Feb. 15, 1916, assumed operation of all properties heretofore owned by the Metropolitan St. Ry. Co., The Kansas City Elev. Ry. Co., Central Elec. Ry. Co. and Kansas City & Westport Belt Ry. Co. Controls all lines of street railway in Kansas City, Missouri, Kansas City and Rosedale, Kansas, Independence, Missouri, and suburbs.)

Pres. Philip J. Kealy.....
V. Pres. Clyde Taylor.....
Sec. & Treas. J. A. Harder..... } Kansas City
Audr. C. F. Cole..... "
Gen. Mgr. Jas. E. Gibson..... "
Actg. Gen. Counsel
R. J. Higgins..... "
Supt. Transp. W. C. Harrington.. "
Pur. Agt. E. E. Stigall..... "
Asst. to Pres. Chester C. Smith... "
Publicity Agt. E. B. Atchley..... "
Supt. Employment
W. W. Stephens..... "
*Supt. Efficiency, Julien H. Harvey "
Supt. W. & S.. A. E. Harvey..... "
Supt. Pwr. & Elecl. Distrbn.
C. E. Fritts..... "
Supt. Traffic D. L Fennell..... "
Supt. Rolling Stk. & Shops
G. J. Smith..... "

Pwr. sta. equip; 4 d. c. G. E., Walker tot. 4500 kw; 7 a. c. G. E., West. tot. 49,500 kw. 6600 v. 3 ph. 25 cys; 900 hp. e. Allis-C; 27,620 hp. b. Bab. & W., Cahill; 41,000 kw. stm. turb. G. E., West: trans. volt. 6600 v; trolley volt. 600 v.
Power stas., Kansas City, Mo., and 3d & Central Ave., Kansas City, Kans; repair shop 9th and Brighton Sts.
Reaches Fairmount Park, Electric Park and Swope Park.
300.936 miles; 4-8½ g; 731 passenger cars, 33 trailers and 101 other cars; 1 elec. loco. Sells energy for lighting. ★127

537—The Missouri & Kansas Interurban Ry. Co.—Office, Overland Park, Kans. (Connects Kansas City, Mo., Overland Park, Rosedale, Lenexa, and Olathe, Kan.)

Pres. W. B. Strang..Overland Park, Kans.
V. Pres. H. C. Brent.....Kansas City
*Sec. & Treas. E. N. Daniels
Overland Park, Kans.
Gen. Mgr. & Pur. Agt.
Thos. Riley..... " "
Ch. Engr. Fred. O'Flaherty..Kansas City
Elec. Engr. H. F. Enykert
Overland Park, Kans.
Ch. Engr. Pwr. Sta.
W. T. Linn..... " "

Power sta. equip. 2 d. c. W. E. tot. 500 kw; 700 hp. e. (gas) Bckye; trolley volt. 625 v.
Pwr. sta. & repair shops at Overland Park, Kans.
22 miles; 4-8½ g; 7 motor and 5 other cars. 67

537a—Union Depot Bridge & Terminal Co.—Office, 730 Railway Exch. (Connects Kansas City and North Kansas City.)

Pres. G. H. Gray.....Kansas City
V. Prests. { Geo. B. Robbins..Chicago, Ill / A. R Fay..... " / E. A. Howard... "
*Sec., Treas. & Pur. Agt.
Hugh J. Curran.....Kansas City
Indus. Agt. H. J. Perkins..... " "
Supt. C. C. Shirk.....North Kansas City
Ch. Engr. N. M. Fitch.....Kansas City
Energy purchased from Kansas City Lt. & Pwr. Co.
10 miles; 4-8½ g; 5 motor pass. cars. §127

KIRKWOOD. 4,171.

538—Grand View R. R. Co.—Office, Kirkwood. (Connects Luxemburg, Bobring, Mehlville and Continental.)

*Pres. Fred. Herkert, Sr.....Kirkwood
V. Pres. Wm. A. Miller..... "
Sec. G. W. Baumhoff..... "
Treas. Fred. Herkert, Jr..... "
Supt. & M. M.
Henry Kemper..8601 S. B'way. St. Louis
Energy purchased from Keokuk Pwr. Co.
Repair shop and car house at 1033 Le May Ferry Rd., Bobring.
6 miles; 4-8½ g; 5 motor cars. 116

NEVADA. 7,176.

540—The Fort Scott & Nevada Lt., Ht., Wtr. & Pwr. Co.—Office, Fort Scott, Kans. (Operates local line.) (Succeeded the Gunn Pipe Line Co. (which bought outright The Central Gas Co.) and also purchased the Nevada Lt., Ht., Wtr. & Pwr. Co., which was formerly Nevada Wtr., Lt. & Trac. Co.) (Controlled by the Ohio & Western Utilities Co., and operated by the National Utilities Co., New York, N. Y.)

Pres. W. C. Gunn.....Ft. Scott, Kans.
V. Pres. W. R. Gunn..... " "
Sec. Harry L. Wood..... " "
Treas. A. W. Brooks
61 B'way, New York, N. Y.
Engr. Pwr. Sta. O. Cook.....Nevada
Power sta. equip. 2 d.c. West T. H. tot. 200 kw. 550 v; 3 a. c. Allis-C, West'g. tot. 200 kw. 2200 v. 3 ph. 60 cys; 720 hp. e. Ideal, R. & S. Bckye; trolley volt. 550 v.
Power sta. and repair shop at Nevada.
Reaches a natural park.
5 miles; 4-8½ g; 9 cars. Company furnishes energy for lighting. ★18

ST. JOSEPH. 77,403.

(See also No. 535.)

541—St. Joseph Ry., Lt., Ht. & Power Co.—Office, 6th & Francis Sts. (The St. Joseph & Savannah Interurban Ry. (formerly controlled) has been merged.) (Operates in St. Joseph and a 12-mile line between St. Joseph and Savannah.) (Controlled by the Cities Service Co., 60 Wall St., New York City.)

Pres. F. W. Frueauff
60 Wall St., New York, N. Y.
V. Pres. & Gen. Mgr.
J. H. Van Brunt.....St. Joseph
Sec. & Treas. J. R. Abercrombie "
Supt. of Transp. O. F. Koss.... "
Claim Agt. C. R Innis..... "
Pur. Agt. Fred. E. Henderson.. "
Engr. M. of W.,
Henry A. Cowgill ..... "
Ch. Engr. Pwr. Sta.
John D. Elftman..... "
M. M. Fred. Steffens..... "
Park Mgr. L. F. Ingersoll..... "

Power sta. equip. 2 d. c. G. E. tot. 2500 kw; 3 a. c. G. E. tot. 5100 kw. 2300 v. 3 ph. 60 cys; 3100 kw. e. Fulton; 6012 hp. b. Bab. & W, A. & T. Stir; 4500 kw. turb. (stm.) G. E; trolley volt. 550 v.
Power sta. Main and Felix Sts.; repair shops, Highland & St. Joseph Aves
Owns Lake Contrary Park (leased to L. F. Ingersoll.)
48.71 miles; 4-8½ g; 145 motor and 41 other cars. (Company does lighting and steam heating business.) 18

ST. LOUIS. 687,029.

(See also Nos. 32, 199, 208 and 214.)

543 — Missouri Elec. R. R.—Office, 3869 Park Ave. (Controlled by United Rys. Co. of St. Louis.) (Connects St. Louis and St. Charles.)
Pres. & Gen. Mgr.
Richard McCulloch .....St. Louis
V. Pres. Murray Carleton..... "
Sec. & Treas. Jas. Adkins..... "
Audr. H. P. Taylor..... "
Supt. L. Hieserick..... "
Power purchased from United Rys. Co. of St. Louis.
Repair shop, 2 miles from city limits.
Reaches Universal Exposition Grounds, two golf grounds and Valhalla Cemetery.
18.22 miles; 4-10 g; 16 cars. 127

543—St. Louis Elec. Terminal Ry. Co.—Office, 3726 North Broadway. (Connects St. Louis, Mo, and Venice, Madison and Granite City, Ill.) (Part of Illinois Trac. System.)
Pres. W. B. McKinley ..Champaign, Ill.
V. Pres. Exec. H. E. Chubbuck
Peoria, Ill.
V. Pres. & Treas. G. M. Mattis
Champaign, Ill.
Sec. Chas. Zilly..... "
Gen. Supt. E. D. Bell.....St. Louis
Supt. Ed. Johnson..... "
Claim Agt. T. W. Stearns..... "
Pur. Agt. H. J. Vance.....Peoria, Ill.
M. M., J. D. Barnhart....Granite City, Ill.
Roadmaster, L. B. Martin..Springfield, Ill.
Purchases energy; trolley volt. 650 v.
Repair shops at Granite City and Decatur, Ill.
14.5 miles; 4 8½ g; 30 motor and 20 other cars. 127

544—St. Louis & Jennings Railway.—(Operates between Jennings and Pine Lawn.)
*Pres. David P. Leahy
721 Chestnut St., St. Louis
Energy purchased from Mississippi River Power Co.
2.5 miles. (Contemplates extending line to business district of St. Louis: also extension to Ferguson, 2¾ miles north of Jennings.) 46j

546—St. Louis Water Works Ry. (Munic.)—Office, 312 City Hall, St. Louis. (Operates in City of St. Louis.)
*Water Comr. Edward E. Wall, St. Louis
Asst. Water Comr. F. T. Cutte, "
Engr. in charge Supply & Purifying Sec. C. M. Daily..... "
Ch. Mech. Engr. L. A. Day..... "
Sec. Chas. A. Cheney..... "
Ch. Elecn. A. L. Magee..... "
Power sta. equip. 4 d. c. Ridg., W. E., tot. 1000 kw. 550 v. direct connected to Ham-Cor, Fulton and Ridgway engines: 2 d. c. Ridg. tot. 30 kw. 110 v. direct connected to 230 hp. engine Ideal; 4 mo.-gen. sets Ft. W. Allis-C, Ridg. tot. 300 kw. 550 v. d. c. — 2300 v. s. ph. 60 cys; trolley volt. 550 v.
Power stas., 8300 N. Broadway, Baden Sta. and Chain of Rocks Park; repair shop, 34 E. Grand Ave., Bissell's Point.
Reaches Chain of Rocks Park (owned by City).
15 miles; 4-8½ g; 5 motor and 6 other cars; 2 steam locos. (Lights all water dept. bldgs.) ★127

547—United Railways Company of St. Louis—Office, 3869 Park Ave. (Controls the Missouri Elec. R. R. and operates all lines in the city of St. Louis except "McKinley System.") (Connects Maplewood, Webster Groves, Kirkwood, Clayton, Ferguson and Florissant.) (Controlled by No. Am. Co., New York.)
Pres. & Gen. Mgr.
Richard McCulloch.....St. Louis
V. Pres. Murray Carleton..... "
Gen. Counsel, H. S. Priest, Central Nat'l. Bk. Bldg. "
Gen. Att'y, T. E. Francis..... "
Sec. & Treas. Jas. Adkins..... "
Asst. Treas. Frank A. Gannon.. "
Asst. Sec. Jas. W. Samuel..... "
Audr. H. P. Taylor..... "
Supt. Transpt. Bruce Cameron.. "
Claim Agt. Chas. B. Hardin..... "
Pur. Agt. Jas. J. Roche..... "
Ch. Engr. E. D. Smith..... "
Supt. Pwr. Stas. Walter E. Bryan "
Engr. Maint. of Way, C. L. Hawkins "
M. M., M. O'Brien..... "
Supt. Ovhd. Constr. J. E. Burgess "
Roadmaster City Lines, Wm. Finn "
Roadmaster Country Lines J. Y. Johnson..... "
Power sta. equip. 10 d. c. G.E., Westg. tot. 18,000 kw; 3 a. c. G. E. tot. 3600 kw. 6600 v. 3 ph. 25 cys; 41,000 hp. e. Fulton, Allis; 12,800 hp. b. O'Br; trans. volt. 6600-13,200 v; trolley volt. 600 v. Energy also purchased from Union Elec. Lt. & Pwr. Co. and The Elec. Co. of Missouri.
Power stas. 2d & Salesbury Sts. and Park & 39th Aves.; repair shops at 3869 Park Ave.
Reaches Delmar Garden, Creve Coeur Lake, Forest Park Highlands, Base Ball Park, Suburban and all city parks.
458.22 miles; 4-10 g; 1,342 passenger moto cars, 138 trail pass. cars and 80 other cars. ★127

548—Light & Development Co. of St. Louis—Office, 750 Ry. Exch. Bldg. (Controls Mo. Public Utilities Co., Cape Girardeau: Cupples Station Lt., Ht. & Pwr. Co., St. Louis; Western Power & Lt. Co., Wellston: St. Charles (Mo.) Elec. Lt. & Pwr. Co; Danville (Ky.) Lt. Pwr. & Trac. Co; Ft. Scott (Kan.) Gas & Elec. Co; Mitchell (So. Dak.) Pwr. Co; Monmouth (Ill.) Public Service Co; Oberlin (O.) Gas & Elec. Co; Paris (Ky.) Gas & Elec. Co; Ravenna (O.) Gas & Elec. Lt. Co; Texas Utilities Co., Plainview; Tahlequah (Okla.) Lt. & Pwr. Co., and Cape Girardeau (Mo.) & Jackson Int. Ry. Co.)
Pres & Gen. Mgr. H. Wurdack..St. Louis
V. Pres. John A. Porter..... "
Sec. Horace W. Beck..... "
*Asst. Sec. Robt. L. Carpenter.. "
Treas. E. M. Kurtz..... "
Ch. Engr. E. H. Billings..... "
127

SEDALIA. 17,822.

549—City Light & Traction Co. of Sedalia.—Office, 404 South Ohio St. (Controlled by Cities Service Co., 60 Wall St., New York City.)
Pres. Frank W. Fruean
60 Wall St., New York, N. Y.
V. Pres., Treas. & Gen. Mgr.
H. C. Feuers.....Sedalia
Sec. R. C. Pfenning..... "
Supt. R. Niver..... "
Engr. Pwr. Sta. F. A. Clark..... "
Power sta. equip. 2 d. c. Allis-C. tot. 300 kw; 2 a. c. Allis-C. tot 500 kw. 220-110 v. s. & 2 ph. 60 cys; 1025 hp. e. Allis-C; 1567 hp. b. Bab. & W, Mur; 500 kw. turb. (stm.); 200 kw. rot. conv; trans. volt. 2300 v; trolley volt. 500 v.
Power sta. and repair shops, Sedalia.
Reaches Liberty Park and State Fair Grounds.
9 miles; 4-8½ g; 19 motor cars and 6 trailers. (Company does general lighting and power business.) ★18

Google

SPRINGFIELD. 35,201.

550—Springfield Ry. & Lt. Co.—Office, 60 Broadway, New York, N. Y. (Controls the Springfield Trac. Co. and Springfield Gas & Elec. Co., and is in turn controlled by Federal Lt. & Trac. Co.)
Pres. E. N. Sanderson 60 Broadway, New York, N.Y.
V. Pres. & Treas.
J. Dunhill..... " "
Sec. A. R. Marshall..... " "
127

551—Springfield Traction Co.—Office, 60 Broadway, New York, N. Y. (Controlled by the Springfield Ry. & Lt. Co., which is controlled by the Federal Lt. & Trac. Co.)
Pres. E. N. Sanderson.... 60 Broadway New York, N. Y.
V. Pres. C. H. Nichols..... "
Sec. & Treas.
N. J. Cunningham.....Springfield
Asst. Sec. & Asst. Treas.
J. Dunhill.....New York, N. Y.
Energy purchased from Springfield Gas and Elec. Co.
Repair shops, Boonville and Division Sts.
Reaches Doling Park, White City and Zoo.
23.2 miles; 4-8½ g; 59 cars. ★127

WEBB CITY. 11,817.

552—The Southwest Missouri R. R. Co.—Main office, 112 No. Madison St. Eastern office, Harrisburg, Pa. (Connects Carthage, Carterville, Prosperity, Duenweg, Webb City, Neck City, Purcell, Alba and Joplin, Mo., and Galena and Baxter Springs, Kan.)
Pres. A. H. Rogers.....Webb City
V. Pres. E. Z. Wallower, Harrisburg, Pa.
Sec. Geo. W. Reily..... "
Treas. W. E. McMechan.....Webb City
*Supt. & Pur. Agt. E. J. Pratt.. "
Claim Agt. D. C. Morris..... "
Supt. of Transp. T. A. Harbaugh "
Engr. Pwr. Sta. W. C. Duvall. "
Roadmaster, Geo. Mayfield.. "
Power sta. equip. 2 a. c. G. E. Stan. tot. 1750 kw. 11,000 v. 3 ph. 25 cys; 3000 hp. e. Cpr. Allis-C; 3500 hp. b. A. & T; trans. volt. 11,000 v; trolley volt. 550 v.
Power sta. and repair shop at Webb City.
Owns and operates Lakeside Park.
35 miles; 4-8½ g; 62 motor and 5 other cars. (Expects to place in service during 1918, 8 miles of track between Baxter Springs, Kans. and Picher, Okla.) ★18

MONTANA.

ALBERTON. 300. (1910).

(See No. 175)

ANACONDA. 10,184.

553—Butte, Anaconda & Pacific Ry. Co.—Office, Anaconda. (Connects Butte and Anaconda.)
Pres. John D. Ryan, 42 Broadway, New York, N. Y.
1st V. Pres. M. S. Dean, Peoples Gas Bldg., Chicago, Ill.
2d V. Pres. B. B. Thayer, 42 Broadway, New York, N. Y.
Sec., Treas. & Audr.
P. M. Halloran.....Anaconda
*Gen. Mgr. H. A. Gallwey..... "
Supt. C. F. Murphy..... "
Gen. Fgt. & Pass. Agt.
J. C. Maring..... "
Pur. Agt. D. A. Welch.....Butte
Ch. Engr. J. H. Schuch.....Anaconda
Elec. Supt. F. W. Bellinger..... "
M. M. C. H. Spengler..... "
Supt. M. W. & S., T. J. McCarvel. Anaconda
Energy purchased from Montana Power Co.; trans. volt. 100,000 v; 5 motor gen. sets (2 sets at Butte and 3 sets at Anaconda), each consisting of synchronous motor 1450 kva. 3 ph. 60 cys. direct connected to 2-500 kw. G. E. gen. 1200 volt.
Sub stas., Butte and Anaconda; repair shops, Anaconda.
Reaches Gregson Springs.
148.79 miles (90.5 miles electrified, overhead trolley cat. cons. 2400 v. d. c.); 4-8½ g; 28 elec. locos., 21 stm. locos. and 1,456 other cars. 127

554—Elec. Lt. & Ry. Dept. (Anaconda Copper Mining Co.)—Office, Main St. and Commercial Ave., Anaconda. (Co. operates cars over Butte, Anaconda & Pacific Ry. Co.'s tracks (5.6 miles) to Opportunity.)
Pur. Agt. D. A. Welsh.....Butte
*Supt. R. S. Oliver.....Anaconda
Car Barn Foreman, Michael Doyle "
Power from Great Falls Water Power & Townsite Co.; trolley volt. 550 v.
Repair shops at Anaconda.
Owns Washoe Park.
7.9 miles; 4-8½ g; 10 motor and 20 trail cars. Company furnishes energy for lighting. ★127

BILLINGS. 10,031.

554a—Billings Ry. Lt. & Pwr. Co. Office Billings. (Organized to take over the property of the Billings Trac. Co. Will convert storage battery system into trolley system.)
Pres. T. A. Snidow.....Billings
V. Pres. H. M. Allen..... "
*Sec. J. B. Arnold..... "
Treas. B. S. Langworthy..... "
67

555—Billings Traction Co.—Office, 21 Broadway, Billings. (The Billings Ry. Lt. & Pwr. Co. has been organized to take over this property.)
Pres. & Gen. Mgr. H. W. Rowley..Billings
*Sec. & Treas. John B. Arnold.... "
Asst. Sec. & Asst. Treas.
E. C. Reynard..... "
Supt. P. W. Roach..... "
Energy purchased from Montana Pwr. Co.; 2 mo. gen. West. tot. 150 kw.
Repair shop, 1st. Ave. & Division St., Billings.
6 miles; 4-8½ g; 6 storage battery cars. (Will convert into trolley system.)
67

BOZEMAN. 5,107.

556—Gallatin Valley Ry.—Office, 1230 Ry. Exchange Bldg., Chicago, Ill. (Operates in Bozeman by electricity (2 miles), by steam and electricity between Bozeman and Salesville (18 miles), and by steam between Bozeman and Three Forks, a distance of 37 miles.)
*Pres. C. A. Goodnow.....Seattle, Wash.
Sec. Geo. Cox.....Bozeman
Treas. A. G. Loomis.....Chicago, Ill.
Asst. Sec. E. W. Adams..Milwaukee, Wis.
Compt. G. J. Bunting.....Chicago, Ill.
Supt. A. J. Busch.....Bozeman
Claim Agt. J. M. Allen....Seattle, Wash.
Pur. Agt. G. F. Wilder White & Henry Bldg., "
Fgt. & Pass. Agt.
Geo. B. Haines..... "
Ch. Engr. E. O. Reeder..... "
Power sta. equip. 2 d. c. Westg. tot. 960 kw; trans. volt. 46,000 v; trolley volt. 550 v.
Energy purchased from Montana Pwr. Co.; repair shops, Bozeman.

Reaches Bozeman Hot Springs.
20 miles: 4-8½ g.; 4 pass. cars, 1 fgt. car, 1 combination car, 2 stm. locos. ★127

BUTTE. 39,165.
(See also No. 553.)

557 — Butte Electric Ry. Co.— Office, Main & Park Sts., Butte. (Connects Walkerville to Butte and suburbs.)
Pres. W. A. Clark.....Butte
V. Pres. W. A. Clark, Jr..... "
Sec. & Treas. J. H. Anderson, 20 Exchange Pl., New York, N.Y.
Audr. J. C. Phillips Miner Bldg., Butte
Gen. Mgr. J. R. Wharton..... "
Supt. J. S. Wathey..... "
Claim Agt. Chas. A. Blackburn... "
*Pur. Agt. Wm. Hosking..... "
Engr. M. of W., A. W. Criss..... "
Energy purchased from Montana Pwr. Co; car barn and repair shop, Front St.
Owns Columbia Gardens.
38.98 miles: 4-8½ g; 61 motor pass. cars and 3 other cars. ★127

DEER LODGE. 2,570.
(See No. 175.)

GREAT FALLS. 13,948.

558—Great Falls St. Ry.—(Owned and operated by the Montana Pwr. Co.) (Connects Great Falls and suburbs and B. & M. Smelter.)
Pres. John D. Ryan .42 B'way, New York, N. Y.
V. Pres. & Gen. Mgr. F. M. Kerr...Butte
*Mgr. J. R. Hobbins.....Great Falls
Supt. S. S. Hawks..... "
Pur. Agt. W. T. Jackson.....Butte
Elec. Engr. C. W. Todd.....Great Falls
Electric power from Great Falls Pwr. Co; trans. volt. 2200 v; trolley volt. 550 v.
Power sta. and repair shops, Black Eagle Falls.
Reaches and controls Black Eagle Park.
12 miles; 4-8½ g; 20 cars. 127

HELENA. 12,515.

559—Helena Light & Ry. Co.—Office, Helena. (Connects Helena and East Helena.)
Pres. P. G. Gossler, 62 Cedar St, New York, N.Y.
V. Prests. J. H. Pardee, 43 Exchange Place, New York, N. Y.
V. Prests. Arthur Coppell, 52 William St., New York, N.Y.
V. Prests. O. W. McConnell.....Helena
Sec. T. W. Moffatt, 43 Exchange Place, New York, N. Y.
Treas. R. B. Marchant 43 Exchange Place, New York, N. Y.
Asst. Sec. & Asst. Treas. A. B. Sibley.....Helena
Operating Mgrs. The J. G. White Mgt. Corpn., 43 Exchange Pl., New York, N. Y.
Gen. Mgr. W. C. Callaghan.....Helena
Engr. Pwr. Sta. C. A. Bernier..... "
M. M. Frank Vickery..... "
Energy purchased from Montana Pwr. Co.; trans. volt. 12,000 v; trolley volt. 600 v.
Sub-sta. cor. Breckinridge & Jackson Sts.; repair shop at So. Main St.
Reaches Central and Broadwater Parks.
23.27 miles; 4-8½ g; 19 motor, and 11 other cars. Company furnishes lighting. 127

MISSOULA. 12,869.

560—Missoula St. Ry. Co.—Office, Masonic Temple Bldg., Missoula.
Pres. W. A. Clark, 20 Exchange Pl., New York, N. Y.
V. Pres. & Claim Agt. W. M. Bickford.....Missoula
Sec., Treas. & Audr. J. C. Phillips..Butte
*Gen. Mgr. & Pur. Agt. C. H. Christensen..... Missoula
Supt. Claim, Gen. Fgt. & Pass. Agt. & Ch. Engr. H. L. Bickenbach "
Elec. & Signal Engr. W. A. Barrett..... "
Ch. Engr. Pwr. Sta. E. H. Collar "
M. M. Geo. Whitcomb..... "
Energy from Missoula Lt. & Wtr. Co.; trolley volt. 650 v; 4 d.c. West. tot. 700 kw.
Repair shops at Missoula.
Reaches Riverside Park (owned).
22.3 miles; 4-8½ g; 13 motor and 3 other cars. 127

THREE FORKS. 1,300 (1914).
(See No. 175.)

NEBRASKA.

BETHANY. 948.
(See No. 562.)

DAKOTA CITY, 474.
(See No. 324.)

LINCOLN. 52,500 (1915).

561 — Lincoln, Capitol Beach & Milford R. R. Co.—Office, Terminal Bldg., Lincoln. (Connects Lincoln and Capitol Beach.) (Operated under lease by Lincoln Traction Co.)
Pres. W. E. Sharp.....Lincoln
Sec. & Treas. S. H. Burnham.... "
Gen. Mgr. J. M. Bramlette..... "
Reaches Capitol Beach.
2 miles; 4-8½ g; 12 cars. ★127

562—The Lincoln Traction Co.— General office, Terminal Bldg., 10th & O Sts. (Leases and operates Lincoln, Capitol Beach & Milford R. R. Co.; also owns and operates Bethany Traction Co. (2 miles). (Connects Havelock, College View, University Place, Normal, Bethany, Lancaster and Lincoln.)
Pres. W. E. Sharp.....Lincoln
*V. Pres. & Gen. Mgr. J. M. Bramlette..... "
Sec. O. J. Shaw..... "
Treas. S. H. Burnham
Claim Agt. E. M. Raver..... "
Pur. Agt. C. F. Greenburg..... "
Supt. Transp. E. T. Eckland..... "
Ch. Engr. Pwr. Sta. J. M. Pawling "
M. M., John B. Blaiklock..... "
Engr. M. of W. & Ovhd. Constr. L. C. Lemon..... "
Power sta. equip. 2 d. c. G. E. Bull. tot. 950 kw; 4 a. c. G. E. Allis-C. tot. 2000 kw. 2300 v. 3 ph. 60 cys; 1600 hp. e. Allis. H. F. & M., Mur; 1000 hp. e. (oil) Busch Diesel; 3800 hp. b. Bab. & W, Edgemoor; 2750 kw. turb. (stm.) Allis-C, G. E.; trans. volt. 2300 v; trolley volt. 500 v.
Power sta. at 9th and K Sts; repair shops at 8th and L Sts.
Reaches Lincoln Park, Electric Park and Capitol Beach.
60 miles; 4-8½ g; 72 motor and 10 other cars; 6 snow plows. (Company does lighting and power business.) ★127

563 — Omaha, Lincoln & Beatrice Ry. Co.—Office, 321 Terminal Bldg. (Connects University Place, Bethany and Lincoln and will extend to Omaha, So. Omaha, Papillion, Springfield, Ashland, Greenwood and Waverly District.)

Pres. Harvey Musser.....Akron, O.
Sec. J. C. Musser.....Lincoln
Audr. O. J. Shaw..... "
*Gen. Mgr. J. M. Bramlette..... "
Energy purchased from Lincoln Trac. Co.; trolley volt. 550 v.
Repair shops, 8th and L Sts. (Lincoln Trac. Co.'s shops).
56 miles projected (7.25 miles completed and in operation); 4-8½ g; 3 cars, 1 loco, 1 work car. ★127

OMAHA. 124,096.

(See also Nos. 563, 566 and 1062.)

564—Omaha & Council Bluffs St. Ry. Co.—Office, Merchants' Nat. Bank Bldg., Omaha. (Owns all the street railways in Omaha and leases Omaha, Council Bluffs & Suburban St. Ry. Co., Omaha & Council Bluffs Ry. & Bridge Co., and East Omaha St. Ry. Co.) (Connects Omaha, Benson and Florence, Neb., and Council Bluffs, Ia.)
Pres. G. W. Wattles.....Omaha
V. Pres. Frank T. Hamilton..... "
2d V. Pres. & Gen. Mgr. W. A. Smith "
Sec. & Audr. W. G. Nicholson.... "
Treas. A. S. Widenor..... "
*Asst. Gen. Mgr. R. A. Leussler.. "
Pur. Agt. F. S. Welty..... "
Claim Agt. W. P. Thomas..... "
Supt. Pwr. Stas. D. W. Gilbert.. "
Supt. Transpt. Wm. Musgrave.... "
Supt. Track & Roadway R. H. Findley..... "
Supt. of Elec. Lines, E. H. Hagensick..... "
M. M., T. E. Wood..... "
Power sta. equip. 4 d. c. G. E. tot. 3850 kw; 3 a. c. G. E. Allis-C. tot. 22,000 kw. 3 ph. 25 cys; 5500 hp. e. Fulton; 11,000 hp. b. Bab. & W; 12,000 kw. stm. turb. G. E. Allis-C; trans. volt. 13,200 v; trolley volt. 600 v.
Power sta. 5th and Jackson St.; repair shops 26th & Lake Sts.
Reaches & owns Lake Manawa.
163.34 miles: 4-8½ g; 442 pass. cars, 10 trail cars and 48 other cars. 67

565—Omaha & Southern Interurban Ry. Co.—Office, Merchants' Nat. Bank Bldg., Omaha. (Connects So. Omaha, Bellevue and Fort Cook.)
Pres. G. W. Wattles.....Omaha
V. Pres. F. T. Hamilton..... "
2d V. Pres. Luther Drake..... "
Sec. & Audr. W. G. Nicholson.... "
Treas. A. S. Widenor..... "
Gen. Mgr. W. A. Smith..... "
Asst. Gen. Mgr, R. A. Leussler.... "
Energy purchased.
7.5 miles; 4-8½ g; 3 cars. 67

RALSTON. 400.

566—Omaha & Lincoln Ry. & Lt. Co.—Office, 830 Brandeis Theatre Bldg., Omaha. (Part of the Illinois Traction System.) (Connects Omaha, So. Omaha, Ralston and Papillion.)
Pres. H. E. Chubbuck.....Peoria, Ill.
V. Pres. Arthur English..... Omaha
Secy. W. J. Achelpohl.....Peoria, Ill.
Treas. G. M. Mattis.....Champaign, Ill.
Gen. Supt. E. A. Roehry.....Omaha
Pur. Agt. A. J. Vance.....Peoria, Ill.
Energy purchased from Omaha Elec. Lt. & Pwr. Co.; trans. volt. 33,000 v. a. c; trolley volt. 550 v; repair shops at Ralston.
Reaches Hillside Park and Seymour Lake Park.
13.8 miles (s. phase, catenary system); 4-8½ g; 6 motor pass. cars. (Company does lighting and power business.) 127

SOUTH OMAHA. 26,259.

(See Nos. 565 and 566.)

SOUTH SIOUX CITY. 1,196.

(See No. 824.)

UNIVERSITY PLACE. 3,200.

(See Nos. 562 and 563.)

NEVADA.

FALLON. 741.

567—Fallon Elec. R. R. Co—Office, Fallon. (Will extend from Fallon east 14 miles to Stillwater and from Fallon south 7 miles, then east to Sand Springs, 24 miles.)
Pres. C. A. Hascall.....Fallon
V. Pres. & Ch. Engr. Herbert C. Lattin..... "
Sec. A. E. Wilson..... "
*Treas. & Gen. Mgr. E. S. Berney.. "
Energy will be secured from Government Irrigation Project in Fallon.
38 miles projected; will use Edison storage battery cars. (Expects to place line in operation during 1918.)
127

RENO. 11,867.

568—Reno Trac. Co.—General Office, 637 Holbrook Bldg., San Francisco, Cal. (Operates local line in Reno and connects Reno and Sparks.)
Pres. H. Fleishhacker..San Francisco, Cal.
V. Pres. Jno. A. Buck.. " "
Sec. Jas. A. Martin..... " "
Treas. M. Fleishhacker. " "
Audr. A. N. Baldwin.. " "
*Gen. Mgr. R. C. Leeper.....Reno
Pur. Agt. F. W. Smith, San Francisco, Cal.
Energy purchased from Reno Pwr., Lt. & Wtr. Co.; trolley volt. 600 v.
Repair shop at 4th St., Reno.
7.5 miles; 4-8½ g; 8 cars. ★127

569—Nevada Interurban Ry. Co.—Office, 218 N. Virginia St., Reno. (Connects Reno and Moana Springs.)
Pres. & Gen. Mgr. L. W. Berrum...Reno
V. Pres. J. M. Short..... "
*Sec., Treas. & Pur. Agt. S. H. Rosenthal..... "
Energy purchased from Reno Pwr., Lt. & Wtr. Co.
Repair shops, Reno.
Reaches Moana Springs.
3.3 miles; 4-8½ g; 4 cars. 12

NEW HAMPSHIRE.

BERLIN. 11,780.

570—Berlin St. Ry. Co.—Office, Berlin. (Connects Berlin and Gorham.)
Pres. Frank L. Castner .....Berlin
Sec. N. G. Noyes.....Gorham
*Treas. Gen. Mgr. & Pur. Agt. E. W. Gross.....Berlin
Roadmaster, J. Caffey..... "
Power sta. equip. 1 d. c. Westg. tot. 300 kw; 300 hp. turb. wtr; trans. volt. 550 v. Power (water) rented.
Power sta. at Gorham; repair shops at Berlin.
Owns and controls park in Gorham, 40 acres.
7.75 miles; 4-8½ g; 10 motor pass. cars and 1 other car. ★127

CHARLESTOWN. 1,496.

571—Springfield Elec. Ry. Co.—Office, Charlestown. (Leased to Springfield Elec. Ry. Co., Springfield, Vt.)

Pres. Nath. G. Brooks.....Charlestown
V. Pres. & Gen. Mgr.
Edward C. Crosby.....Springfield, Vt.
Sec. & Treas. Frank W. Hamlin,
Charlestown
2 miles. 67

CHESTER. 818.

572—Chester & Derry R. R.—Office, Derry. (Connects Chester and Derry.)
Pres. & Gen. Counsel, G. K. Bartlett,
Boston, Mass.
*V. Pres. Chas. Bartlett.....Derry
Sec. & Audr. A. H. Wilcomb.....Chester
Treas. & Gen. Mgr.
F. J. Shepard.....Derry
Asst. Supt. & Elec. Engr.
F. L. Corson..... "
Purchases energy from Derry Elec. Lt. Co; trolley volt. 600 v.
Repair shops, Derry.
Reaches Beaver Lake.
8 miles: 4-8½ g; 10 motor and 3 other cars; 1 snow plow. 126

CLAREMONT. 7,529.

573—Claremont Ry. & Ltg. Co.—Office, 1 Sullivan St., Claremont. (Under management of W. S. Barstow Management Assn., Inc. and controlled by The Eastern Pwr. & Lt. Corpn.) (Extends from Claremont Jct. to West Claremont through town of Claremont.)
Pres. Joseph B. Taylor
50 Pine St., New York, N.Y.
V. Pres.
L. H. Tyng 50 Pine St. " "
Gen. Mgr. J. Gardner Menut, Claremont
Sec. C. N. Wilson.....New York, N. Y.
Treas. J. P. Campbell.. " "
Asst. Treas. G. H. Lawson....Claremont
Supt. H. Aldrich..... "
Energy purchased from Claremont Pwr. Co.
Repair shops at Claremont.
Reaches Pine Grove Park.
8.60 miles: 4-8½ g; 6 passenger cars and 1 other car, 1 snow plow and 2 fgt. locos. ★127

CONCORD. 21,497.

574—Boston & Maine R. R. Operating Concord & Manchester Elec. Branch of Concord & Manchester R. R.—Office Causeway St., Boston, Mass. (Absorbed the Concord St. Ry. Co.) (Connects Concord, Penacook Bow, Pembroke, Hooksett, Suncook and Manchester). For general officers see Boston, Mass.
Supt. & Park Mgr.
H. C. Robinson.....Boston, Mass.
Power sta. equip. 2 d.c. Westg. G. E. tot. 525 kw; 2 a. c. G. E. tot. 1200 kw. 2300 v. 3 ph. 60 cys; 450 hp. e. Rollins; 405 hp.b. Dobbins, Dillon; 2190 hp. turbine (water) Lef. & Rodney Hunt; trans. volt. 22,000 v; trolley volt. 600 v.
Power stas, Franklin and W. Concord (steam auxiliary).
Repair shops at Contoocook.
Reaches Contoocook River Park
20.51 miles; 4-8½ g; 37 motor and 5 other cars. ★18

DERRY. 5,123.

(See No. 579.)

DOVER. 13,247.

(See also No. 584a.)

575—Dover, Somersworth & Rochester Street Ry. Co.—(Controlled by the New Hampshire Elec. Rys.) (Connects Dover, Somersworth, Rochester and East Rochester.)
Pres. David A. Belden... Haverhill, Mass.
V. Pres. & Gen. Mgr.
Franklin Woodman.... " "
Sec. Treas. & Audr.
Fred'k. E. Webster..... " "
Claim Agt. H.B.Whitehouse " "
Supt. L. E. Lynde..... ..Dover
M. M., R. L. Jones.....Salem
Engr. Maint. of Way,
R. D. Hood.....Haverhill, Mass.
Engr Ovhd. Constr.
W. S. Mellon..... " "
Energy purchased from Rockingham County Lt. & Pwr. Co.
Owns Central Park, Somersworth.
21 miles; 4-8½ g; 36 motor and 2 other cars; 3 snow plows. 127

EXETER. 5,875 (1911).

576—Exeter, Hampton & Amesbury St. Ry.—Office, Hampton, N. H. (Controlled by Exeter Ry. & Ltg. Co.) (Connects Exeter, Hampton, Hampton Beach, Hampton Falls, Seabrooke and Smithtown).
Pres. Allen Hollis.....Concord
V. Pres. Chas. H. Tenney..Boston, Mass.
Treas. E. A. Bradley..... " "
Asst. Treas. & Supt.
Walter A. Scott.....Hampton
Gen. Mgr. H. T. Sands
201 Devonshire St., Boston, Mass.
Audr. H. A. Gidney..... " "
*Mgr. Geo. D. Baxter.....Exeter
Supt. Lines
C. B. Edgerly..... "
Shop Foreman, Geo. E. Moore..Hampton
Roadmaster, E. H. Lewis..... "
Park Mgr. W. J. Drew..... "
Energy purchased from Rockingham County Lt. & Pwr. Co., Portsmouth; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shop at Hampton.
Owns The Casino, Hampton Beach.
22 miles; 4-8½ g; 17 motor pass. cars and 5 other motor cars; 5 other cars. ★127

GOFFSTOWN. 2,579.

(See No. 588.)

HAMPTON. 1,915.

(See No. 576.)

HAMPTON BEACH.

(See Nos. 427 and 576.)

HUDSON. 1,344.

(See Nos. 401 and 427.)

KEENE. 10,068.

577—Keene Elec. Ry. Co.—Office Keene. (Connects Keene, Marlboro and Swanzey.)
*Pres. Lewis P. Howe...Marlboro, Mass.
Sec. & Supt. C. L. Wyman.....Keene
Treas. & Pur. Agt.
T. Russell Robinson ..... } Boston,
Gen. Mgr. —— —— } Mass.
M. M., D. A. Tenney.....Keene
Purchases energy from Keene Gas & Elec. Co.; 2 d. c. Trl., G. E. tot. 225 kw.; G. E. motors tot. 175 kw; trolley volt. 550 v.
Repair shops, So. Keene.
Owns and reaches Wilson Recreation Grounds.
10 miles; 4-8½ g; 9 motor cars and 1 other car. ★183

LACONIA. 10,183.

578—Laconia St. Ry. Co.—Gen. office, Laconia. (Connects Laconia and Weirs.)

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Pres. H. L. Pierce
53 State St.....Boston, Mass.
*V. Pres., Mgr. & Pur. Agt.
L. S. Pierce.....Laconia
Sec. Geo. P. Munsey..... "
Treas. H. G. Lowe
53 State St.....Boston, Mass.
Shop Foreman, H. C. Horn.....Laconia
Roadmaster, E. Serad..... "
Energy purchased.
Repair shops at Laconia.
8.87 miles; 4-8½ g; 11 motor cars and 1 freight car; 1 snow plow. 57

MANCHESTER. 70,063.

(See also No. 574.)

579—Manchester & Derry St. Ry.—Office, 46 Hanover St. (Connects Manchester, Goffs Falls, Londonderry and Derry.) (Owned by Manchester Trac., Lt. & Pwr. Co. which see for operating officials and power plant equipment.)
Pres. Roger G. Sullivan.....Manchester
Repair shops, Traction St., Manchester.
8.418 miles; 4-8½ g; 6 motor cars. 127

580 — Manchester & Nashua St. Ry.—Office, 46 Hanover St. (Connects Manchester, Goffs Falls, Litchfield, Hudson and Nashua.) (Owned by Manchester Trac., Lt. & Pwr. Co. which see for operating officials and power plant equipment.)
Pres. Charles M. Floyd.....Manchester
V. Pres. W. Parker Straw... . "
Repair shops, Traction St., Manchester
14.335 miles; 4-8½ g; 6 motor cars. 127

581—Manchester St. Ry.—Office, 46 Hanover St. (Extends from Manchester to Goffstown, where connection is made with the Uncanoonuc Incline Ry. for Mt. Litchfield.) (Owned by Manchester Trac., Lt. & Pwr. Co. which see for officers and power plant equipment.)
Repair shops at Manchester.
Owns pavilion and summer theatre at Lake Massabesic and Pine Island Park.
42.726 miles; 4-8½ g; 95 cars. 127

582—Manchester Trac., Lt. & Pwr. Co.—Offices, 46 Hanover St. and 53 State St., Boston, Mass. (Owns Manchester St. Ry., Manchester & Nashua St. Ry., Manchester & Derry St. Ry., Manchester Elec. Lt. Co., Nashua Lt. Ht. & Pwr. Co., Union Elec. Co., Merrimack Elec. Lt., Ht. & Pwr Co. and Garvin Falls Power Co.)
Pres. E. C. Foster.....Manchester
V. Pres. & Gen. Mgr.
J. Brodie Smith..... "
Clerk, Edwin F. Jones..... "
Treas. P. L. Saltonstall....Boston, Mass.
Asst. Treas.
Clement R. Ford..... " "
*Audr. Wm. F. Harmon.....Manchester
Supt. & Cl. Agt.
Thomas H. Kendrigan..... "
Pur. Agt. Saml. P. Hunt..... "
Ch. Engr. Pwr. Sta. & M. M.
L. J. Farrell..... "
Power sta. equip. 7 d. c. G. E. tot. 3100 kw. 550 v; 17 a. c. G. E, Stan. tot. 14,250 kw. 2300-11,000-6000 v. 3 ph. 60 cys; rot. conv. tot 2100 kw. 550 v; 1 stm. turb. G. E; 12,000 hp. e. West, Prov. Woodbury, G E; 12,000 hp. b. Stearns, Kend, Bab. & W; 5900 hp. turb. (wtr.) Hunt, Hol; trans. volt. 33,000 v; trolley volt. 550 v.
Power stations at Manchester, Garvins Falls, Kelleys Falls, Hooksett, Derry, Greggs Falls and Litchfield; repair shops, Manchester.
Reaches Messabesic Lake and Pine Island Park.
Companies owned operate 65.40 miles of track; does general ltg. & pwr. business. ★127

583 — Uncanoonuc Incline Ry. & Develop. Co.—Office, Manchester. (Operates 2¼ miles of trolley and ⅛ mile of cable incline into Goffstown.)
Pres. & Gen. Mgr.
Henry A. Laxson.....Manchester
V. Pres. J. W. Lovering.....Sandown
*Sec. J. B. Pattee.....Manchester
Treas. Jno. H. Boyd..... "
Purchases energy from Manchester Trac., Lt. & Pwr. Co.
Reaches Summit Park (owned) and Casino.
2.75 miles (electric, trolley and cable); 1 motor car, 2 incline cars. 127

NASHUA. 26,005.

(See Nos. 401 and 427.)

NEWTON. 962.

(See No. 427.)

PELHAM. 826.

(See No. 427.)

PLAISTOW. 1,173.

(See No. 427.)

PORTSMOUTH. 11,269.

584—Portsmouth Elec. Branch of Boston & Maine R.R.—(Connects Portsmouth, Rye and North Hampton.)
For general officers see Boston, Mass.
Supt. H. C. Robinson.....Boston, Mass.
Gen. Insp. W. E. Dowdell...Portsmouth
Ch. Engr. Pwr. Sta.
R. A. Anderson..... "
Power sta. equip. 2 d. c. Westg. tot. 400 kw; 1 booster G. E. 80 kw.—118 hp. motor; 600 hp. e. Allis-C; 5 0 hp. b. Bab. & W; trolley volt. 600 v.
Main power sta. Noble's Island, Portsmouth; storage battery station, Rye Center; repair shops, Portsmouth.
19.03 miles; 4-8½ g; 21 pass. cars and 2 work cars, 1 snow plow. ★18

584a—Portsmouth, Dover & York St. Ry.—Office, P. O. Box 327, Portsmouth. (On May 1, 1917, took over control of lines west of York Beach, Me., formerly operated by the Atlantic Shore Ry.) (Connects Dover and Portsmouth, N. H., and So. Berwick Eliot, Kittery, Kittery Point, York, York Harbor, and York Beach, Me.)
*Receiver & Gen. Mgr.
W. A. Meloon.....Portsmouth
Audr. W. A. Levitt..... "
Supt. R. W. Sturtevant..... "
M. M., L. W. Cotton..... "
Pwr. sta. equip. 3 d. c. G.E. tot. 560 kw; 850 hp. e. B. & W, Erie; 775 hp. b. Man. Hoyt; trolley volt. 550 v.
Energy purchased from Twin State Gas & Elec. Co., Dover, and Rockingham County Lt. & Pwr. Co. Power plant at Kittery Point held in reserve.
42 miles; 4-8½ g; 20 motor and 5 other cars. ★87

ROCHESTER. 8,868.

(See No. 575.)

SALEM. 2,117.

(See No. 427.)

SEABROOK. 1,425.

(See No. 427.)

SEABROOK BEACH.

(See No. 427.)

SOMERSWORTH. 6,704.
(See No. 575.)

SWANZEY. 1,656.
(See No. 577.)

NEW JERSEY.

ALLENHURST. 203. (1915)
(See No. 585)

ASBURY PARK. 10,150.
(100,000 in summer.)

585—Atlantic Coast Electric Ry. Co.—Office, 523 Main St., Allenhurst. (Owns Atlantic Coast Elec. Lt. Co. and controls Asbury Park & Sea Girt Elec. R.R. Co., Seashore Elec. Ry., West End & Long Branch Ry. and Seacoast Trac. Co.) (Connects Long Branch, West End, Elberon, Deal, Allenhurst, Avon, Asbury Park, Bradley Beach, Belmar, Spring Lake, Manasquan and Seagirt.)
Chmn. of Bd. C. W. Huntington, 60 Wall St., New York, N. Y.
Pres. & Gen. Mgr.
S. F. Hazelrigg.....Asbury Park
*Sec., Treas. & Claim Agt., G. B. Cade..... "
Audr. A. R. Asay..... "
Pur. Agt. J. J. Matheson 61 B'way, New York, N. Y.
Supt. Chas. E. Hereth.....Asbury Park
Ch. Engr. & M. M., J. H. Moor..... "
Elec. Engr. S. A. Foster... "
Power sta. equip. 2 d. c. West. S. & H. tot. 800 kw; 5 a. c. West. G. E. tot. 6500 kw. 2300 v. 3 ph. 60 cys; 1500 hp. e. Ham, Allis-C; 2774 hp. b. Bab. & W; trans. volt. 2300 v; trolley volt. 550 v.
Power sta. and repair shop at Allenhurst.
26.06 miles; 4-8½ g; 94 motor and 7 other cars.
Supplies energy to Atlantic Coast Elec. Lt. Co. (Installing 2440 hp. Badenhausen boilers.) 67

ATLANTIC CITY. 46,150.
(300,000 in summer.)
(See also No. 607.)

586—Atlantic City & Shore R. R Co. (Shore Fast Line.)—Office, 605 Land Title Bldg., Phila., Pa. (Controls Atlantic City & Ocean City R. R. Co.) (Connects Atlantic City, Pleasantville, Linwood, Somers Point and Ocean City. The "Atlantic Ave. & Longport Div." which is owned by the West Jersey & Seashore R. R. Co., operates in Atlantic City and connects Atlantic City, Chelsea, Ventnor City, Margate City and Longport.)
Receiver, Clarence L. Cole Atlantic City, N. J.
Pres. Isaac H. Silverman.. .. Phila., Pa.
V. Pres. Chas. Evans.....Atlantic City
*Sec. & Audr. John M. Campbell.... ... "
Treas. Irvin L. Stone.....Phila., Pa.
Gen. Supt. A. J. Purinton..Atlantic City
Elecl. Engrs. Stern & Silverman, Phila., Pa.
Supvr. Claude Bryan.....Atlantic City
Energy purchased from West Jersey & Sea Shore R. R.; trans. volt. 33,000 v. a. c; trolley volt. 650 v. d. c.
Repair shops, Maine & Caspain Aves., Atlantic City.
30.05 miles (third rail & ovhd.); 4-8½ g; 90 motor cars.
ATLANTIC AVE. & LONGPORT DIV.—16.13 miles (ovhd. trolley); 4-8½ g; 76 motor and 2 other cars; trolley volt. 575 v. d. c. 127

587—Central Passenger Ry. Co.—Gen. office, 605 Land Title Bldg., Philadelphia, Pa. (Connects with Atlantic City & Shore R. R. Co.)
Pres. Isaac H. Silverman 605 Land Title Bldg., Phila., Pa.
Sec. & Audr. John M. Campbell Atlantic City
Treas. Irvin L. Stone.....Phila., Pa.
Gen. Supt. A. J. Purinton...Atlantic City
Purchases energy from Atlantic City & Shore R. R. Co.; trans. & trolley volt. 650 v.
Repair shops at Maine & Caspain Aves., Atlantic City.
3.01 miles; 4-8½ g; 5 motor cars. 127

BAYONNE. 55,545.
(See No. 602.)

BRIDGETON. 14,209.

588—Bridgeton & Millville Trac. Co.—Office, Cohansey St., Bridgeton. (Owns and operates the Bridgeton Rapid Transit Co., and is itself owned by the American Rys. Co., Philadelphia, Pa.)
Pres. Van Horn Ely..... Phila., Pa.
V. Prests. { H. J. Crowley..... " / C. L. S. Tingley.. "
Sec. & Treas. Walter W. Perkins "
Asst. Sec., Asst. Treas. & Compt. F. J. Pryor, Jr..... "
Supt. R. Harold Smith.....Bridgeton
Elec. Engr. W. H. Meyers..... "
Ch. Engr. Pwr. Sta. F. W. C. Meyers..... "
M. M., A. M. Sharp..... "
Park Mgr. Howard Tyler..... "
Energy purchased from Bridgeton Elec. Co.; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shop, Bridgeton.
Owns and reaches Tumbling Dam Park.
37.87 miles; 4-8½ g; 29 motor cars and 1 other car. ★127

CAMDEN. 94,538.
(See also No. 602.)

589—West Jersey & Seashore R.R. (Steam & Elec. Branch of Penn. R. R.)—(Connects Camden, Millville, Atlantic City, Pleasantville, Somers Point and Ocean City.) (Owns "Atlantic Ave. & Longport Div." and that portion of the Atlantic City & Shore R.R. between Pleasantville and Somers Point.) For general officers, see Pennsylvania Railroad, Philadelphia, Pa.
Supt. A. M. Parker.....Camden
Power sta. equip.: 4 a. c. G. E. tot. 8000 kw. 6600 v. 3 ph. 27 cys; 5728 hp. b. Stir; 8000 kw. turb. G. E; trans. volt. 35,400 v; trolley volt. 700 v. d. c.
Power sta., Westville; repair shops, Camden.
Sub-stas. at Newfield, So. Camden, Westville, Glassboro, Mizpah, Reega, Atlantic City and Clayville.
155.08 miles (third rail); 4-8½ g; 92 pass. cars, 4 combination pass. cars, 7 baggage cars and 6 baggage and mail cars. (Company sells energy.) ★127

590—Interstate Railways Co.—Office, 411 Market St., Camden, N. J. (Through the United Pwr. & Transp. Co. it controls Lebanon (Pa.) Valley St. Ry. Co.; Delaware County & Phila. Elec. Ry. Co. (Clifton Heights, Pa.); Media (Pa.), Glen Riddle & Rockdale Elec. St. Ry. Co.; Wilkes-Barre (Pa.) & Wyoming Valley Trac. Co.; Trenton (N. J.) St. Ry. Co. (which controls Mercer County Trac. Co., Trenton (N. J.),

Pennington & Hopewell St. Ry. Co. and Trenton (N. J.), Hamilton & Ewing Trac. Co.); Schuylkill Valley Trac. Co. (Norristown, Pa.); Wilmington & Chester Trac. Co. (which controls directly or indirectly Chester (Pa.) Trac. Co., Chester & Delaware St. Ry. Co. (leased to the Chester Trac. Co.), Wilmington City (Del.) Ry. Co., Wilmington & Edgemoor Elec. Ry., Front & Union St. Ry. and Gordon Heights Ry.) and Wilmington City (Del.) Elec. Co. The properties have been divided into four groups and are leased to and operated by the Reading Transit & Lt. Co., Wilkes-Barre Ry. Co., Trenton & Mercer County Trac. Corpn., Southern Penn. Trac. Co. and Wil. & Phila. Trac. Co., the two latter cos. being operated under one management.)

Pres. John A. Rigg 411 Market St., Camden
V. Pres. Walter A. Rigg..... "
*Treas. T. W. Grookett, Jr..... "
Sec. & Asst. Treas. Jno. W. Goodwin "
Gen. Counsel, Richmond L. Jones "

Mileage and equipment included under controlled roads. ★127

591—Wilmington & Chester Traction Co.—Office, 411 Market St., Camden, N. J. (Controls Wilmington City Ry., (which controls Wilmington & Edgemoor Elec. Ry.), Front & Union St. Ry. and Gordon Heights Ry. Co., Wilmington, Del.; also the Chester Trac. Co. and Chester & Delaware St. Ry. Co., Chester, Pa., through ownership of entire capital stock; also owns entire issue of the Gordon Heights Ry. Co. bonds, the entire issue of the Front & Union St. Ry. Co. bonds and other minor securities.) (Controlled by United Pwr. & Transpt. Co., which in turn is controlled by Interstate Rys. Co.)

Pres. John A. Rigg 411 Market St., Camden
Sec. & Asst. Treas. J. W. Goodwin..... "
Treas. Thos. W. Grookett, Jr..... "

127

CAPE MAY. 2,471.

592—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. Connects Cape May and Cape May Point. (Controls and operates Ocean St. Passenger Ry. Co.) (In Sept., 1916, receiver was appointed; operation discontinued in Oct., 1916 and on April 2, 1917, sold at receiver's sale to Wilson & Carr.) (The United States Navy Dept. has taken over this property for war purposes and will rehabilitate the line.)

*Supt. W. S. Van Zant.....Cape May

Power sta. equip. 3 d. c. Westg. tot. 600 kw; 800 hp. e.

Power sta. at Cape May; repair shops Cape May Point.

20 miles; 4-8½ g; 14 cars. ★127j

593—Ocean St. Passenger Ry. Co.—Office, 505 Washington St., Cape May. (Controlled and operated by Cape May, Delaware Bay & Sewell's Point R.R. Co.)

Energy from and repairs made by Cape May, Delaware Bay & Sewell's Point R.R. Co.

1.4 miles; 4-8½ g; 3 cars. 127j

CRANFORD. 3,600.

(See No. 602.)

EAST ORANGE. 34,371.

(See No. 602.)

EDGEWATER. 2,655.

(See No. 602.)

ELIZABETH. 73,409.

(See Nos. 600 and 602.)

GLOUCESTER. 9,462.

(See No. 602.)

HACKENSACK. 14,050.

(See No. 602.)

HAINESPORT. 400.

594—Burlington County Transit Co.—Office, Hainesport. (Connects Moorestown, Hartford, Masonville, Hainesport, Burlington and Mt. Holly.)

Pres. Albert Haines.....Masonville
V. Pres. John D. Johnson, Jr..Hainesport
Sec. & Treas. Armitt H. Coate, Moorestown
*Gen. Mgr., Claim & Pur. Agt. Edwin C. Davis.....Hainesport
Ch. Engr. & Elec. Engr. John M. Smith..... "
Engr. M. of W. Joseph Albertson "
Engr. of Ovhd. Constr. Clarence Snyder..... "

Energy purchased from Public Service Elec. Co., Burlington; trans. volt. 13,200 v; 2 rot. conv. G. E, West. tot. 600 kw; trolley volt. 600 v.

Repair shop at Hainesport.

Reaches Rancocas Park.

15.08 miles; 5 g; 4 motor and 2 other cars. 127

HOBOKEN. 70,324.

(See also No. 602.)

595—Hoboken Manufacturers' R. R. Co., Lessee of Hoboken Shore Road—Office, Foot 5th St., Hoboken. (Handles freight only.) (Operated by United States Government.)

V. Pres. H. F. Whitmore.....Hoboken
Sec. & Treas. Geo. H. Hobbs.... "
*Gen. Supt. Capt. Langston, U. S. R..... "

Energy purchased from Public Service Elec. Co.; repair shop at Bloomfield and 15th Sts.

2 miles (electric and steam); 4-8½ g; 2 electric locos, 1 steam loco, 1 sweeper, 1 construction car, 4 flat cars and 1 box car. ★127

HOHOKUS. 2,292 (1911).

596—North Jersey Rapid Transit Co.—Gen. Office, Hohokus. (Connects Paterson, Fairlawn, Glen Rock, Ridgewood, Hohokus, Waldwick, Allendale, Ramsey and Mahwah and Suffern, N. Y.)

Receiver, Henry H. Parmelee....Paterson
V. Pres. Chas. D. Cooke..... "
Actg. V. Pres. & Gen. Mgr. Willis E. Fertig.....Titusville, Pa.
Sec. Walter Bamford.....Paterson
Treas. Geo. M. Dunlop...New York, N.Y.
*Mgr., Ch. Engr., Claim Agt. & Audr. George Jackson.....Hohokus
M. M., P. J. Kennedy..... "

Purchases energy from Public Service Elec. Co.; trans. volt. 13,000 v; trolley volt. 600 v.

Repair shops at Hohokus.

15.2 miles; 4-8½ g; 8 motor pass. cars, 1 work car and 5 other cars. ★127

JERSEY CITY. 267,779.

(See also Nos. 70, 602, 635, 663, 678 and 861.)

596a—United Railways Investment Co.—Office, 15 Exchange Place. (This is a holding company controlling the Philadelphia Co., Pittsburg, Pa. through ownership of 57.17 p. c. of its outstanding common stock); it also controls through stock ownership in the California Ry. & Pwr. Co., the United Railroads of San Francisco, the

Sierra & San Francisco Pwr. Co., Coast Valleys Gas & Elec. Co. and San Francisco Elec. Rys; also owns all the stock (except directors' shares) of The Railroads & Power Development Co.)
*Pres. Mason B. Starring, 25 Broad St., New York, N. Y.
V. Prests. W. H. Chesebrough 115 B'way, New York, N. Y.
Eben Richards 25 Broad St., " "
F. B. Van Vorst 25 Broad St., " "
Sec. & Asst. Treas. M. V. R. Weyant 25 Broad St., New York, N. Y.
Treas. B. S. Guinness, 25 Broad St., " "
Audr. P. M. Hoskins 25 Broad St., " " ★127

KEYPORT. 3,554.

597—Jersey Central Traction Co. —Office, First St., Keyport. (Connects Red Bank, New Monmouth, Belford, Port Monmouth, Keansburg, Keyport, Matawan, South Amboy, Perth Amboy, Atlantic Highlands and Highlands. Connects with New York & Long Branch R. R. at So. Amboy, Matawan and Red Bank, and with Central R. R. of New Jersey at Lorillards, Belford, Atlantic Highlands, Highlands and Highland Beach.) (Controlled by American Rys. Co. which in turn is controlled by the National Properties Co.)
Pres. Van Horn Ely Witherspoon Bldg., Phila., Pa.
V. Pres. C. L. S. Tingley..... " " "
Sec. & Treas. W. W. Perkins Witherspoon Bldg., Phila., Pa.
Asst. Sec. & Treas. F. A. Cater.. Keyport
Audr. F. J. Pryor, Jr. Witherspoon Bldg., Phila., Pa.
Asst. Audr. H. D. Anderson " " "
Gen. Mgr. H. J. Crowley.. " " "
*Gen. Supt. Wm. H. Hitchock...Keyport
Gen. Fgt. & Pass. Agt. W. A. Haley..... "
Claim Agt. H. D. Brinley.....Red Bank
Pur. Agt. G. C. Weirick Witherspoon Bldg., Phila , Pa.
Elec. Engr. W. F. Kohlbecker....Keyport
Ch. Engr. Pwr. Sta. W. H. Siebenheller..... "
M. M., A. A. Churchill..... "
Engr. M. of W. H. O. Todd.....Highlands
Power sta. equip. 1 d. c. G. E. 600 kw; 3 a. c. West. 1850 kw. 6600 v 3 ph. 60 cys; 1 stm. eng. Weth; 3500 hp. b. Erie, Stir: 3 turb. (stm.) West; trans. volt. 6600 v: trolley volt. 635 v.
Power sta. (operated, under lease, by Monmouth Ltg. Co.) and repair shop at Keyport.
Sub-stations at Red Bank (2-200 kw. rot. conv.), So. Amboy (1-200 kw. rot. conv.), Stone Church (1-200 kw. rot. conv.), and Gills Cut, Middletown (1-200 kw. rot. conv.)
Reaches Beach Park at Keyport, Auditorium and Beach in Keansburg and Sandlass Beach, Highlands.
44 miles; 4-8½ g; 38 motor and 34 other cars. ★127

LAKEWOOD. 5,149.

598—Trenton, Lakewood & Seacoast Ry. Co.— Office, 300 Main St. (Successor to Trenton, Lakewood & Atlantic Ry. Co.) (Will connect Point Pleasant and Lakewood.)
*Pres. George G. Smith.....Lakewood
Sec. A. O. S. Havens.....Point Pleasant
Treas. James H. Butcher.....Freehold
Ch. Engr. Roy T. Havens..Point Pleasant
10 miles (ovhd. catenary): 4-8½ g; 2 motor cars. (Under construction.) 117

LONG BRANCH. 13,298.
(See No. 609.)

METUCHEN. 2,138.
(See No. 602.)

MILLTOWN. 1,584.
(See No. 602.)

MILLVILLE. 12,451.

599—Millville Traction Co.—(Connects Millville and Vineland.)
Pres. Geo. Wood, 626 Chestnut St., Phila., Pa.
V. Pres. R. D. Wood..... "
Sec. G. H. Thomas.....Millville
*Treas., Gen. Mgr. & Pur. Agt. D. C. Lewis..... "
Ch. Mech. Engr. Chas. H. Bigelow..... "
Ch. Engr. Pwr. Sta. Geo. B. Schrider..... "
M. M., J. Straub..... "
Power sta. and repair shop at Millville. Controls Union Lake Park.
12.54 miles; 4-8½ g; 16 motor and 2 trail cars. 116

MORRISTOWN. 12,507.

600—Morris County Traction Co., The. — Office, Morristown. (Eastern Div. connects Elizabeth, Union, Springfield, Maplewood, Millburn, Summit, Chatham, Madison, Convent and Morristown; Western Div. connects Morristown, Morris Plains, Mt. Tabor, Denville, Rockaway, Dover, Wharton, Mine Hill, Kenvil, Succasunna, Ledgewood Landing and Bertrand Island on Lake Hopatcong.)
Pres. Henry R. Rea, Oliver Bldg., Pittsburg, Pa.
V. Pres. Joseph K. Choate....Morristown
Sec. & Treas. O. G. Schultz..... "
*Audr. H. C. Robbins..... "
Gen. Mgr. Claude O. Weidman. "
Supt. Eastern Div. H. Cummings Millburn
Supt. Western Div. W. Ford.....Dover
Ch. Engr. H. O. Peckham....Morristown
M. M. Marvin J. Bogardus..... "
Energy purchased from Morris & Somerset Elec. Co. and New Jersey Pwr. & Lt. Co; trolley volt. 575 v.
47.49 miles; 4-8½ g; 44 motor and 3 other cars. 127

601 — Morris R. R. Co.—Office, Morristown. (Connects eastern and western divs. of Morris County Trac. Co.; extends from Danforth Rd., Madison to Washington Headquarters, Morristown.)
Pres. Henry R. Rea.....Pittsburgh, Pa.
V. Pres. Joseph K. Choate 43 Exchange Pl., New York, N. Y.
Sec. & Treas. O. G. Schultz..Morristown
2.5 miles. 127

MOUNT HOLLY. 6,000.
(See No. 594.)

NEWARK. 347,469.
(See also No. 349)

602—Public Service Ry. Co.—Office, 80 Park Place, Newark, N. J. (A consolidation of the North Jersey St. Ry. Co. (lessee of all the property of the Consolidated Trac. Co. of New Jersey), Jersey City, Hoboken & Paterson St. Ry. Co., and the United St. Ry. Co. of Central Jersey, the latter formed by merger of Elizabeth & Raritan River St. Ry. Co. and Elizabeth,

Plainfield & Central Jersey Ry. Co.) (Absorbed the Newark & South Orange Ry. Co., the North Hudson Turnpike Co. and Pavonia Horse R. R. Co.) (Leases Consolidated Traction Co., Rapid Transit St. Ry. Co. of the city of Newark, Camden Horse Railroad Co., South Orange & Maplewood Trac. Co., the Bergen Turnpike Co., Orange & Passaic Valley Ry. Co., New Jersey & Hudson River Ry. & Ferry Co. (which connects Edgewater, Cliffside Park, Grantwood, Fort Lee, Leonia, Englewood, Teaneck, Bogota, Hackensack, Maywood, Midland, Saddle River and Paterson, and extends from Hackensack to Woodridge, Rutherford and Arlington, with a branch to Lodi), Camden & Suburban Ry. Co., Camden, Gloucester & Woodbury Ry. Co. and Riverside Trac. Co. (which connects Camden, Riverton, Riverside, Beverley, Burlington, Florence Bordentown, and Trenton.) Connects Paterson, Passaic, Newark, Jersey City, Hackensack, Bayonne, Hoboken, Elizabeth, the Oranges, Westfield, Plainfield, New Brunswick, Metuchen, Cranford, Milltown, Perth Amboy, Secaucas, Rahway, Gloucester, West Hoboken, Trenton and Camden. (Controlled by Public Service Corporation of New Jersey.)

Pres. Thos. N. McCarter.....Newark
V. Prests. Percy S. Young..... "
Edmund W. Wakelee.. "
Gen. Mgr.
Richard E. Danforth "
Sec. Percy Ingalls..... "
Asst. Chas. M. Breder..... "
Secrs. William H. Feller..... "
Treas.
T. Wilson Van Middlesworth... "
Asst. Robert S. Tomkins.... "
Treasrs. Frederick A. Neis..... "
Compt. William S. Barker..... "
Gen. Audr. Matthew R. Boylan.. "
Asst. Gen. Mgr.
Harry C. Donecker..... "
Ch. Engr. Martin Schreiber..... "
Gen. Supt. N. W. Bolen..... "
Supt. Distrbn. M. B. Rosevear... "
Pur. Agt. J. A. Pearson
Broad & Arch Sts., Phila., Pa.
Gen. Claim Agt.
H. V. Drown..... Newark
Asst. Gen. Claim Agt.
H. D. Briggs..... "
Mech. Engr. H. A. Benedict "
Supt. M. of Way.
Martin White..... "
Real Estate Agt.,
Geo. Barker..... "
Supt. Bldgs. D. K. Knight
Passaic Wharf, Newark

Practically all power obtained from Public Service Elec. Co.

Amusement Parks reached.—(Hillside, Belleville), (Olympic, Irvington), (Electric, Newark), (Scheutzen, Town of Union), (Palisade, Palisade Township), (Boynton Beach, Woodbridge Township), (Washington, Gloucester); owned but leased—(Woodlynne, Woodlynne Borough) and (Riverside, New Brunswick.)

841.09 miles; 4-8½ g.; 2,584 motor cars. ★127

603— Public Service Corporation of New Jersey.—Office, 80 Park Place, Newark, N. J. Inc. in New Jersey May 6, 1903. Owns all stock (excepting directors' shares) of Public Service Elec. Co., which operates, under lease, all the electric properties controlled by the corporation; also owns all stock (excepting directors' shares) of Public Service Gas Co., which operates, under lease, all the gas properties controlled by the corporation. Controls, through stock ownership, the Public Service Ry. Co. and Public Service R. R. Co., which operate directly or under lease all the street railways controlled by the corporation. The corporation also controls, through stock ownership, the Middlesex Elec. Lt. & Pwr. Co., The Nichols Elec. Lt. & Pwr. Co. of Nutley, N. J., Citizens' Elec. Lt., Ht. & Pwr. Co., Burlington Elec. Lt. & Pwr. Co., Weehawken Contracting Co., Morristown Gas Lt. Co., United Elec. Co. of New Jersey, the New Jersey & Hudson River Railway & Ferry Co., the Princeton Lt., Ht. & Pwr. Co., the Orange & Passaic Valley Ry. Co. and the Shore Ltg. Co.

Pres. Thos. N. McCarter.....Newark
V. Prests. Randal Morgan..... "
Anthony R. Kuser.... "
Percy S. Young..... "
Edmund W. Wakelee "
Sec. Percy Ingalls..... "
Asst. Chas. M. Breder..... "
Secrs. William H. Feller..... "
Treas.
T. Wilson Van Middlesworth... "
Asst. Robert S. Tomkins.... "
Treasrs. Frederick A. Neis..... "
*Compt. William S. Barker..... "
Gen. Audr. E. J. Allegaert..... "
★127

NEW BRUNSWICK. 23,388.
(See No. 602.)

OCEAN CITY. 1,950.
(Summer, 20,000.)

604—Ocean City Elec. R. R. Co.—Office, 10th & West Ave.
Pres. Wm. G. Moore
701 Drexel Bldg., Philadelphia, Pa.
Sec. Wm. D. Sherrerd
Real Estate Tr. Bldg. " "
*Treas. & Gen. Mgr.
Robt. B. Chew.....Ocean City
Roadmaster, Harry Young....Ocean City

Energy purchased from Ocean City Elec. Lt. Co. 2 d. c. G. E. tot. 275 kw; trolley volt. 550 v.

Repair shops, 10th & Haven Aves.

10 miles; 4-8½ g; 17 motor cars. 67

ORANGE. 29,630.
(See No. 602.)

PASSAIC. 54,773.
(See No. 602.)

PATERSON. 125,600.
(See No. 602.)

PENNS GROVE. 4,412. (1915.)

605—Salem & Penns Grove Trac. Co.— Office, 1411 Walnut St., Phila., Pa. (Extends from Penns Grove to Pennsville and Salem, passing du Pont's Plants and Villages; direct connection by ferry between Penns Grove and Wilmington, Del.)

Pres. J. Elliot Newlin.....Phila., Pa.
V. Pres. A. F. Porter,
c/o E. I. Du Pont de Nemours & Co., Penns Grove
*Sec. & Treas. Carl N. Martin. Phila., Pa.
Supt. & Cl. Agt. H. C. Berry..Penns Grove
Ch. Dispatcher,
J. S. Rice..... "
M.M., George Applegate.... "

Energy purchased from Electric Co. of N. J.; rot. conv. tot. 1200 kw.

Repair shop at Pennsville.

Reaches Riverview Beach.

14 miles; 4-8½ g; 15 motor cars and 1 other car. 127

PERTH AMBOY. 32,121.
(See Nos. 597, 602 and 614.)

PHILLIPSBURG. 13,903.

606 — Phillipsburg Transit Co.— Office, 14th and Gordon Sts., Allentown, Pa. (Successor to Philipsburg Horse

Car R.R. Co.) (Controlled by the Easton Consolidated Elec. Co., which is in turn controlled by the Lehigh Valley Transit Co.)
Pres. Jno. A. Bachman.....Phillipsburg
Sec. & Treas. F. A. Hazzard Allentown, Pa.
Asst. Sec. & Asst. Treas. S. H. Sargent, Philadelphia, Pa.
Gen. Mgr. H. R. Fehr.....Allentown, Pa.
Supt. W. E. Titus.....Easton, Pa.
Claim Agt. W. J. Trythall, Allentown, Pa.
Engr. M. of Way A. F. Smith..... " "
M. M., W. C. Klein..... Easton, Pa.
Purchases energy from Penna. Utilities Co.; trolley volt. 550 v.
Repair shops, Easton, Pa.
7 miles; 4 8½ g; 16 closed cars and 2 work cars. ★18

PLAINFIELD. 20,550.

(See No. 602.)

PLEASANTVILLE. 4,890.

607—Atlantic & Suburban Ry. Co. —(Connects Atlantic City, Absecon, Pleasantville, Linwood and Somers Point.)
Pres. Harry E. Kohn.....Phila., Pa.
Sec. & Audr. J. M. Campbell. Atlantic City
Treas. Irvin L. Stone.....Phila., Pa.
*Supt., Claim & Pur. Agt. R. A. Cale.....Pleasantville
Ch. Engr. W. Marshall..... "
M. M., Wm. Simmerman... "
Engr. M. of W., Gideon Adams "
Power sta. equip. 2 d. c. Westg. tot. 800 kw; 1200 hp. e. Weth; 900 hp. b. Weth; trolley volt. 550 v.
Power sta. and repair shop at Pleasantville.
18 miles; 4-8½ g; 20 motor and 2 other cars. 127

POINT PLEASANT. 1,284 (1917.)

(Summer 6,500.)

608—Pt. Pleasant Trac. Co.—Gen. Office, Summit. (Connects Point Pleasant and Bay Head.)
Pres. Carroll P. Bassett.....Summit
*Sec. & Treas. Frank C. Kimball. "
Audr. H. M. Shorrock..... "
Gen. Mgr. S. W. Borden..... "
Supt. A. S. Phelps.....Pt. Pleasant
Energy purchased from Lakewood & Coast Elec. Co.; trans. volt. 13,200 v; trolley volt. 550 v.
Repair shop at Atlantic Ave., Point Pleasant.
Reaches Clark's Landing (R. A. Clark, owner).
3.22 miles; 4-8½ g; 6 motor cars and 1 other car. (Operates only in summer.) 127

PRINCETON. 5,136.

(See Nos. 613, 615 and 616.)

RAHWAY. 9,337.

(See No. 602.)

RED BANK. 7,398.

609—*Monmouth County Elec. Co —Gen. office, Red Bank. (Connects Rumson, Oceanic, Fair Haven, Red Bank, Eatontown, Shrewsbury and Long Branch.)
Receivers { Chas. F. Sexton, Long Branch / Wm. G. Bokler.....Red Bank
Pres. Gen. Mgr. & Pur. Agt. Wm. F. Hogan 704 Arbuckle Bldg., Brooklyn, N. Y.
Sec. & Treas. John M. Enright 75 Montgomery St., Jersey City
Audr. Francis P. Mooney 704 Arbuckle Bldg., Brooklyn, N. Y.
Supt. Jno. P. Gaul.....Red Bank
Energy purchased from Atlantic Coast Elec. Ry. Co. and Public Service Elec. Co.
Repair shops at Shrewsbury.
17.7 miles; 4-8½ g; 18 motor and 5 other cars. 46j

RIVERSIDE. 4,011 (1911).

(See No. 602.)

SEA GIRT. 1,560.

(See No. 585.)

SEA ISLE CITY. 551.

610—New Jersey Rapid Transit Co. —Office, Sea Isle City. (Connects Townsends Inlet, Sea Isle City, Corsons Inlet and Strathmere.)
Pres. G. H. Brooks.....Phila., Pa.
V. Pres. & Gen. Mgr. John J. Coyle, 1619 Arch St., Philadelphia, Pa.
Sec., Treas., Audr. & Pur. Agt. Walter W. Brooke.....Phila., Pa.
*Supt. & Ch. Engr. Pwr. Sta. G. L. Whittington.....Sea Isle City
Power sta. equip. 1 d. c. Westg, 200 kw; 400 hp. e. Ham. Cor; 500 hp. b. Phoenix; trolley volt. 550 v.
Pwr. sta. and repair shops at Sea Isle City.
8 miles; 4-8½ g; 8 motor cars and 1 trail car. (Operates in summer only.) 15

SECAUCUS. 4,740.

(See No. 602.)

SOUTH ORANGE. 6,014.

(See No. 602.)

STONE HARBOR. 459 (1915).

611—Stone Harbor Terminal R. R. Co.—Offices, 915 Real Estate Trust Bldg., Phila., Pa. and 96th St. and Sunset Drive, Stone Harbor. (Extends from Cape May Court House to Stone Harbor.)
*Pres. & Gen. Mgr. R. P. Risley..... } 915 Real Estate Trust Bldg., Phila., Pa.
V. Pres. W. J. Warrington }
Sec. Joseph F. Bellak.... "
Treas. Dorr E. Newton... "
Audr. W. J. Whitaker.... "
Supt. Lloyd Seaman.....Stone Harbor
Pur. Agt. W. E. Reynolds 915 Real Estate Trust Bldg., Phila., Pa.
Ch. Engr. C. H. Wheeler...Stone Harbor
Energy purchased from Vulcan Elec. Lt., Ht. & Pwr. Co.
4.5 miles; 4-8½ g. 65

SUMMIT. 7,500.

(See No. 608.)

TRENTON. 96,815.

612—Penna.-New Jersey Ry. Co.—Office, Warren & Hanover Sts. (Successor to Bucks County Interurban Ry. Co.) (Extends from end of Trenton City Bridge in Morrisville through Yardley, Pa., to New Hope, Pa. and Lambertville, N. J. and to Newtown, Pa.; also from Bristol through Hulmeville, Langhorne and Newtown to Doylestown, and has trackage rights and use of terminals in city of Trenton by agreement with New Jersey & Penna. Trac. Co.) (The Public Service Commission of the Commonwealth of Pennsylvania has authorized this company to purchase the stock of the Trenton City Bridge Co. and the Bucks County Elec. Co.)
Pres. Sydney L. Wright 133 So. 5th St., Phila., Pa.
V. Pres. & Gen. Mgr. Gaylord Thompson.....Trenton

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*Sec. & Treas. Walter T. Bilyeu
133 So. 5th St., Phila., Pa.
Asst. Sec. & Asst. Treas.
John M. Morrissey..... "
Gen. Fgt. Agt. H. R. Cox.....Trenton
Supt W. F. Tshudy..... "
Ch. Engr. Pwr. Sta.
Geo. Ettinger.....Newtown, Pa.
M. M. Wm. Mohr.....Trenton

YARDLEY PWR. STA.—3a.c. Westg. Allis-C, G. E. tot. 2100 kw. 3 ph. 25 cyc; 2 rot. conv. G. E. tot. 800 kw; 4-226 hp. b. and 2-264 hp. b. Bab. & W. A. & T; trans. volt. 13,200 v; trolley volt. 600 v.

NEWTOWN PWR. STA.—1 rot. conv. G. E. 300 kw; 440 hp. b. Bab. & W; trolley volt. 600 v.

BROWNSBURG SUB-STA.—300 kw.

BUSHINGTON SUB-STA.—150 kw.

HULMEVILLE SUB-STA.—150 kw.

Car barns, Trenton and Newtown, Pa.; repair shops, Newtown, Pa.
48.09 miles; 5-2¼ g; 18 pass., 3 freight, 4 work cars and 2 snow plows. (Co. sells energy to New Jersey & Pennsylvania Trac. Co.) ★127

613—New Jersey & Pennsylvania Trac. Co.—Office, Hanover and Warren Sts. (Controls and operates Trenton, Lawrenceville & Princeton R. R., Co. and Princeton St. Ry. Co.) (Connects Princeton, Lawrenceville, Trenton, and grants trackage and terminal facilities in the city of Trenton to Penna.-New Jersey Ry. Co., reaching Morrisville, Yardley, New Hope, Pa., and Lambertville, N. J., Newtown, Bristol, and Doylestown, Pa.)
Pres. Sydney L. Wright.....Phila., Pa.
V. Pres. & Mgr.
Gaylord Thompson .....Trenton
*Sec. & Treas. Walter T. Bilyeu, Phila., Pa.
Gen. Fgt. Agt. H. R. Cox.....Trenton
Supt. W. F. Tshudy..... "
Ch. Engr. Geo. Ettinger..... "
M. M. Wm. Mohr..... "
Purchases energy from Penna.-New Jersey Ry. Co.
Sub-sta. at Lawrenceville (300 kw.)
Repair shops at Hanover and Chancery Sts.
13.25 miles; 4-8½ g; 5 passenger, 3 freight and 2 work cars. ★127

614 — Public Service R. R. Co.—Office, 80 Park Place, Newark. (Merger, in June, 1918, of Trenton Terminal R.R.Co. and Elizabeth, New Brunswick & Trenton R.R.Co. Holds lease of Elizabeth & Trenton R. R. Co for 999 years from April 1, 1912, as successor to Trenton Terminal R.R. Co.) (Connects Trenton, New Brunswick, Perth Amboy, Sewaren, Elizabeth and Newark via tracks of the Public Service Ry. Co.) (Controlled through stock ownership by the Public Service Corporation of New Jersey.)
Pres. Thos. N. McCarter.....Newark
V. Prests. { Percy S. Young..... "; Edmund W. Wakelee "; Gen. Mgr.; Richard E. Danforth "
Sec. Percy Ingalls..... "
Asst. "
Secrs. } William H. Feller..... "
Treas.
T. Wilson Van Middlesworth.. "
Asst. Treasrs. { Robert S. Tomkins.... "; Frederick A. Nels.... "
Compt. William S. Barker..... "
Gen. Audr. Matthew R. Boylan. "
Asst. Gen. Mgr. Harry C. Donecker "
Ch. Engr. Martin Schreiber..... "
Gen. Supt. N. W. Bolen..... "
Supt. Distrbn. M. B. Rosevear... Newark
Claim Agt. H. V. Drown..... "
Asst. Claim Agt. H. D. Briggs.. "
Real Estate Agt. Geo. Barker... "
Supt. Bldgs. D. K. Knight..... "
Pur. Agt. J. A. Pearson, Broad & Arch Sts., Phila., Pa.
Mech. Engr. H. A. Benedict.....Newark
Supt. M. of W. Martin White.... "
Power sta., Plainsboro (plant operated by Public Service Elec. Co.)
49.656 miles; 4-8½ g.; 26 motor cars. ★127

615 — Trenton, Lawrenceville & Princeton R.R. Co.—(Controlled and operated by N. J. & Penna. Trac. Co.) (Connects Trenton, Lawrenceville and Princeton.)
Pres. Sydney L. Wright } 133 So. Fifth St.,
V. Pres. Frank Battles } Phila., Pa.
Sec. & Treas.
Walter T. Bilyeu..... " "
Gen. Mgr. Gaylord Thompson ...Trenton
Repair shop at Hanover and Chancery Sts., Trenton..
11 miles; 4-8½ g. ★127

616 — Trenton & Mercer County Trac. Corpn. 137 East State St., Trenton. (Leases the Trenton St. Ry. Co., Mercer County Trac. Co., Trenton, Pennington & Hopewell St. Ry. and the Trenton, Hamilton & Ewing Trac. Co.) (These roads form the Trenton group of the Interstate Rys. properties.) (Connects Pennington, Hopewell, Lawrenceville, Princeton and Hamilton Square.)
Pres. Rankin Johnson.....Trenton
*Sec. & Treas. Edw. M. Hunt.... "
Audr. S. R. Harvey..... "
Gen. Mgr. Claim & Pur. Agt.
Peter E. Hurley..... "
Supt. Edw. J. Peartree.....Trenton
Ch. Engr. Pwr. Sta. A.E. Gulliver "
Engr. Maint. of Way & M. M.
H. M. Rhoda..... "
Supt. Overhead Constr.
Harry J. Manley..... "
Power sta. equip; 6 d. c. G. E., Bull., C.-W. tot. 4100 kw; 1500 hp. e. W. C., Weth; 3600 hp. b. Edge., Bab. & W; 2250 kw. stm. turb. De Laval; trolley volt. 600 v
Power sta., Lincoln Ave.; repair shop, Lalor St., Trenton.
Reaches White City Park (owned).
70.76 miles; 5-2 g; 149 motor cars, 6 sweepers and plows, 5 other cars. ★127

617—Trenton St. Ry. Co.—Office, 510-517 American Mechanics Bldg. (Controls Mercer County Traction Co., Trenton, Pennington & Hopewell St. Ry. Co. and Trenton, Hamilton & Ewing Trac. Co.) (Controlled by the United Power & Transportation Co., which in turn is controlled by the Interstate Rys. Co.) (Leased to Trenton & Mercer County Trac. Corpn.)
Pres. J. A. Rigg.....Philadelphia, Pa.
V. Pres. Walter A. Rigg....Reading, Pa.
Sec. & Treas.
T. W. Grookett Jr....Philadelphia, Pa.
Power sta. at Lincoln Ave.; repair shops, Lalor St.
Controls Spring Lake Park. 127

WASHINGTON. 3,567.
(See No. 421.)

WEST HOBOKEN. 35,403.
(See No. 602)

WILDWOOD. 3,900 (1915).

618 — Five Mile Beach Elec. Ry. Co.—Office, 3306 Pacific Ave. (Connects North Wildwood, Wildwood and Wildwood Crest.)

Pres. Henry D. Moore.....Haddonfield
Sec. Wm. G. Moore..... "
Treas. & Gen. Mgr. . "
J. Fithian Tatem..... "
*Supt. E. T. Nye.....Wildwood
Pwr. sta. equip; 3 d. c. C.W. tot. 400 kw; 270 hp. e. Bckye; purchases steam from West Jersey Elec. Co.
5.7 miles; 22 cars. 18

NEW MEXICO.

ALBUQUERQUE. 11,020.

619—City Electric Co. (Successor to Albuquerque Trac. Co.)—Office, Room 30, Barnett Bldg., Albuquerque. (Connects Old Albuquerque, Albuquerque and Barelas.)
Pres. Geo. Roslington.....Albuquerque
Sec. & Treas. Lloyd Sturges "
*Mgr. Chas. N. Potter..... "
M. M. Antonio Vargas..... "
Energy purchased from Albuquerque Elec Lt. & Pwr. Co. Repair shops at Old Albuquerque.
Owns Traction Park.
5.5 miles; 4-8½ g; 6 cars. 26

LAS VEGAS. 6,924.

620—Las Vegas Transit Co.—Local office, East Las Vegas; Ex. Office, 60 Broadway, New York, N.Y. (Controlled by Las Vegas Light & Power Co., which in turn is controlled by Federal Lt. & Trac. Co.) (Connects Las Vegas with East Las Vegas.)
Pres. E. N. Sanderson
60 Broadway, New York, N.Y.
V. Pres. & Treas.
J. Dunhill..... " "
Sec. A. R. Marshall..... " "
Supt. & Ch. Engr.
C. H. Nichols.....New York, N. Y.
Mgr. W. S. Townsend.....E. Las Vegas
Energy from the Las Vegas Lt. & Pwr. Co.: trans. volt. 2200 v; trolley volt. 600 v.
Repair shop at 12th St. and San Francisco Ave.
3.7 miles; 4-8½ g; 5 motor cars. 127

NEW YORK.

ALBANY. 100,253.

(See also Nos. 745 and 754)

621—Albany Southern R. R. Co.—Mailing address, Albany. Office, Rensselaer. (Connects Albany, Rensselaer, East Greenbush, East Schodack, Nassau, North Chatham, Electric Park, Nivervillo, Valatie, Kinderhook, Stuyvesant Falls, Roesman, Stockport Center, Stottville and Hudson.)
Chmn. Bd. R. A. C. Smith
100 Broadway, New York
Pres. Wm. Loeb, Jr.,
120 Broadway, New York
V. Prests. { Richard Sutro 120 Broadway, New York; Gen. Mgr. James E. Hewes Albany }
Sec. & Treas. Irvin W. Day
100 Broadway, New York
Audr. James A. Connell.....Rensselaer
Supt. & Cl. Agt. J. E. Newman "
*Pur. Agt. C. W. Mullaney..... "
Gen. Fgt. & Pass. Agt.
C. E. Holmes.....Albany
Elec. Engr.
Geo. Osburn.....Rensselaer
Ch. Engr. Pwr. Sta.
T. H. Ceperley.....Stuyvesant Falls
Power sta. equip. 9 a. c. G. E. tot. 7300 kw. 12,000 & 2300 v. 3 ph. 25 & 60 cys; 2600 hp. b. Bab. & W; 4000 kw. turb. (-tm.) G. E; 6755 hp. turb. (wtr.) S. B; trans. volt. 12,000 v; trolley volt. 600 v.
Power sta. at Stuyvesant Falls; repair shops at Rensselaer.
Reaches and owns Electric Park at Kinderhook Lake.
60.9 miles (third-rail); 4-8½ g; 33 motor and 18 other cars. Co. does gen. ltg. and pwr. business. ★18

622—United Traction Co.—Office, 598 Broadway. (Operates The Capitol Ry., Lansingburg & Cohoes R. R. Co., Troy & Cohoes R. R. Co., Waterford & Cohoes R. R. and Cohoes Ry. Co.) (Connects Albany, Rensselaer, Troy, Cohoes, Watervliet, Green Island and Waterford.)
Pres. L. F. Loree,
32 Nassau St., New York
V. Prests. { W. H. Williams " " "; F. P. Gutelius.....Albany; H. B. Weatherwax..... "; Asst. to Pres. W. B. Schofield 32 Nassau St., New York }
Sec. & Audr. W. H. Elder.....Albany
Treas. H. F. Atherton..... "
Atty. John MacLean..... "
Asst. to V. Pres.
G. H. Parker..32 Nassau St., New York
Comp. W. H. Davies " "
Actg. Gen. Mgr. A. E. Reynolds..Albany
Asst. Gen. Mgr. Chas. H. Smith.....Troy
Supt. Transp. Chas. A. Coons.....Albany
Div. Supts. { J. C. McDonald..... "; T. P. Bowe..... "; A. Crable.....Troy; Fred Durant..... " }
Pur. Agt. J. White Sprong.....Albany
Ch. Engr. Jas. MacMartin..... "
Engr. Pwr. & Lines, C. E. Fasoldt "
Supt Pwr. Sta. Hugh O'Neil..... "
Engr. M. of W., Chas. Brennan... "
Supt. Equip. Ernest Murphy.... "
Supt. Ovhd. L. Galligan..... "
Power stas. equip. 12 d. c G. E., Westg., Walker tot. 4340 kw; 5000 hp. e. K. & B., Cpr., Green; 3420 hp. b. Bab. & W., Stir; trans. volt. 11,000 v; trolley volt. 550 v.
Power stas. at Albany and Troy: energy also from Adirondack Elec. Pwr. Corpn.; repair shops at Albany (main shops) and Troy (division shops).
111.888 miles: 4-8½ g; 491 motor and 3 other cars. ★127

AMSTERDAM. 31,267.

(See No. 648.)

AUBURN. 34,668.

(See also Nos 653 and 749.)

623—Auburn & Syracuse Elec. R. R. Co.—Office, 52 Genesee St., Auburn. (Operates in Auburn and an interurban division between Auburn, Skaneateles, Marcellus, Split Rock and Syracuse.) (Under management of Allen & Peck, Inc.)
Pres. Harold G. Metcalf.....Auburn
V. Prests. { H. S. Holden.....Syracuse; T. C. Cherry..... " }
Sec. H. C. Beatty..... "
*Treas. & Audr. L. E. Lippitt....Auburn
Gen. Mgr. & Pur. Agt.
R. W. Palmer..... "
Supt. W. A. Dwinelle..... "
Cl. Agt. & Gen. Fgt. & Pass. Agt.
W. J. Lee..... "
Ch. Engr. H. F. Vokes..... "
M. M., E. R. Benson..... "
Roadmaster, Jno. Bergin..... "
Engr. Ovhd. Constr.
H. J. Barrett..... "
Energy purchased from Niagara, Lockport & Ontario Pwr. Co; trans. volt. 16 v; trolley volt. 550-600 v.

Google

Repair shop at Auburn.
Reaches and owns Lakeside Park. Owasco Lake, Auburn.
64.76 miles; 4-8¼ g; 66 motor pass. cars, 1 trail pass. car and 8 other motor cars; 3 other cars. ★127

AVON. 2,053.
(See No. 740.)

BABYLON. 2,600.

634—Babylon R. R. Co.—Office, 40 Pine St., New York. N. Y. (Extends and operates from Long Island R. R., Amityville, to steamboat dock at foot of Fire Island, Babylon.)
*Pres. Arthur C. Hume, 40 Pine St., New York
Sec. Fred. L. Kopff " "
Supt., Claim Agt. & Gen. Fgt. & Pass. Agt. Gilbert G. Dorland. Babylon
M. M. Chas. May..... "
Energy purchased from Babylon Elec. Lt. Co.; trolley volt. 550 v.
Repair shops, West Babylon.
8 miles: 4-8¼ g; catenary overhead; 5 motor and 2 other cars. 127

BALLSTON SPA. 4,188

635—Eastern New York R. R. Co.—Office, 51 Bath St., Ballston Spa. (Operates between Ballston Spa and Middle Grove.)
Recvrs. { F. H. Beach..... Ballston Spa.
{ S. A. Egan..... "
Pres. H. M. Van Court, 974 Drexel Bldg., Philadelphia. Pa.
V. Pres. S. C. Medberg.....Ballston Spa.
*Claim Agt. W. H. Estes... "
Ch. Engr. Fred Sherman... "
Energy purchased from Adirondack Elec. Pwr. Corp; 1 d. c. G. E. 300 kw; trolley volt. 600 v.
Power sta. and repair shop, Factory Village (no P. O.)
15 miles; 4-8¼ g; 2 motor and 9 other cars. ★127

BATAVIA. 11,618.

626—Batavia Traction Co.—Office, Batavia. (Purchased property of Buffalo & Williamsville Elec. Ry. Co. in Batavia.)
*Pres. S. W. Brown.....Batavia
V. Pres. M. H. Keogh..... "
Sec. & Treas. M. L. Dennis..... "
Supt. H. F. Reeland..... "
Energy purchased from Genesee Lt. & Pwr. Co.
2.5 miles; 4-8¼ g; 4 motor cars. 116

BEACON, 10,629 (1914).

627—Fishkill Electric Ry. Co.—Office, Beacon. (Operates under lease the Citizens R. R. Light & Power Co. —2.53 miles.) (Connects Newburgh by ferry with City of Beacon and Fishkill.)
Pres. Gen. Mgr. & Pur. Agt. J. T. Smith.....Beacon
V. Pres. W. J. Conklin.....Fishkill
Sec. W. H. Southard.....Beacon
Treas. G. F. Patterson..... "
*Supt. & Elec. Engr. Wm. Dun'z. "
Engr. Pwr. Sta. Austin McGinn..Glenham
Power sta. equip. 3 d. c. G. E. tot. 400 kw; 3 a. c. G. E. tot. 650 kw. 2300 v. 2 ph. 60 cys; 700 hp. e. Fishkill: 700 hp. b. A. & T: 350 hp. turb. (wtr.) Hunt; trolley volt. 550 v.
Power sta. and repair shop at Beacon.
Reaches Mt. Beacon.
7.5 miles; 4-8¼ g; 13 motor and 2 other cars, 1 snow plow. (Installing 1 West. rot. conv. 500 kw. 2300 v. 2 ph. 60 cys—600 v. d. c.) 67

628—Mt. Beacon-on-Hudson Association.—(Operates cable incline ry. to summit of Mount Beacon.)
Pres. & Treas. Jesse B. Pattee.....Manchester, N. H.
V. Pres. Weldon F. Weston.....Beacon
Gen. Mgr. John B. Lodge.....Manchester, N. H.
Ch. Engr. Wm. Rogers.....Beacon
Purchases energy from Southern Dutchess Gas & Elec. Co.; trans. and trolley volt 500 v.
2200 ft. cable incline; 2 cars. ★127

BINGHAMTON. 60,000. (Est. 1917.)

629—Binghamton Railway Co.—Office, 375 State St. (Connects Binghamton, Port Dickinson, Johnson City, Endicott and Union.) (Owned by Scranton & Binghamton R. R. Co.)
Pres. F. L. Fuller.....Binghamton
V. Prests. { R. W. Day.,....Scranton, Pa.
{ *Gen. Mgr. & Pur. Agt. C. S. Banghart, Binghamton
Sec. W. H. Hecox ..... "
Treas. Elmer M. White..... "
Asst. Sec.-Treas. H. Jackson "
Cl. Agt. A. K. Martin..... "
Supt. H. T. Rogers..... "
Supt. Transpt. Vine W. Burley "
Ch. Engr Pwr. Sta. Mr. Skinner..... "
M. M., —— —— ..... "
Power sta. equip. 6 d. c. G. E. tot. 1500 kw; 1 a. c. G. E. 1500 kw. 370 v. 3 ph. 25 cys; 500 hp. e. B. & W., McI. & S; 2000 hp. b. Bab. & W., A. & T.; 2000 kw. stm. turb. G. E.; trans. volt. 13,200 v; trolley volt. 600 v.
Power station and repair shop, 375 State St., Binghamton.
Reaches Ideal Park and Ross Park.
49.74 miles; 4 8¼ g: 141 motor and 21 other cars. (Co. does express business and a general ltg. and pwr. business in Endicott.) ★127

BROOKLYN. 1,928,432 (1915).

See Borough of Brooklyn—New York.

BUFFALO. 423,715.

(See also Nos. 659 and 760.)

630—Buffalo & Depew Ry. Co.—Local office, Depew: general office, 618 Ellicott Square, Buffalo, N. Y. (Connects Buffalo, Depew and Lancaster.)
Pres. Wm. B. Cutter.....Buffalo
Sec. Percy Eaton..... "
Treas. & Audr. R. A. Pilkington. "
*Supt. Pur. Agt. & Engr. M. of W., U. L. Upson....Depew
Ch. Engr. Pwr. Sta. E. W. Hendryx..... "
Elec. Engr. & M. M. F. S. Russ... "
Energy purchased from Niagara & Erie Pwr. Co.: 2 d. c. G. E. tot. 700 kw; trolley volt. 550 v; repair shop at Depew.
Reaches Smith's Grove and Gangloff Park (private).
14 miles; 4-8¼ g: 5 motor and 2 other cars. (During 1918 expects to build line from Depew to Bowmansville (2 miles) and from Depew to Lancaster, N. Y. C. Sta. (¼ mile). 117

631—Buffalo & Lackawanna Trac. Co.—Office Exchange Bldg., Erie, Pa. (Operated by Buffalo & Lake Erie Trac. Co., making a complete line from Buffalo to Erie, Pa.)
Pres. Rodman E. Griscom, 40 Wall St., New York, N. Y.
1st V. Pres. & Sec. M. D. Evans, 61 Broadway, New York, N. Y.
2d V. Pres. M. W. Dodge " "

Treas. & Pur. Agt. A. F. Tideswell, Erie, Pa.
Gen. Audr. M. J. Binkley..... "
Gen. Mgr. A. R. Myers..... "
Supt. R. H. Douglass.....Buffalo
Claim Agt. C. G. Lohman..... "
Energy from International Ry. Co. and Buffalo & Lake Erie Trac. Co.
8.8 miles; 4-8½ g. 127

632—Buffalo & Lake Erie Trac. Co.—Office, Exchange Bldg., Erie, Pa. (Leases Buffalo & Lackawanna Trac. Co.) (Connects Buffalo, Lackawanna, Hamburg, Angola, Silver Creek, Dunkirk, Fredonia, Brocton; Westfield and Ripley, N. Y.; North East and Erie, Pa.)
Receiver, Geo. Bullock.... } 61 Broadway
V. Pres. & Sec. } New York
M. D. Evans..... } N. Y.
*Treas. & Pur. Agt. A. F. Tideswell Erie, Pa.
Audr. for Receiver, M. J. Binkley. "
Gen. Mgr. A. R. Myers..... "
Asst. Gen. Mgr. Geo. Baker.....Fredonia
Supts. { P. J. Gallagher..... "
R. T. Nolan.....Erie, Pa.
R. H. Douglass.....Blasdell
Supt. Overhead, Wm. Jefferson..Fredonia
Claim Agt. C. G. Lohman.....Buffalo
M.M., P. J. Wood.....Erie, Pa.
Roadmaster, C. M. Harrison....Fredonia
Energy purchased from Niagara, Lockport & Ontario Pwr. Co. and Erie Ltg. Co.: trolley volt. 650 v. catenary; repair shops, Buffalo and Fredonia, N. Y., and Erie, Pa.

Reaches Waldameer Park, Erie, Central Park, between Dunkirk and Fredonia, and Pt. Gratiot on Lake Erie.
168 miles; 4-8½ g; 182 pass. cars, 13 trail cars and 40 other cars. ★127

633—The Buffalo Southern Ry. Co.—Office. 2455 Seneca St., Buffalo. (Connects Buffalo, Hamburg, Orchard Park, Gardenville and East Seneca.)
*Receiver, Gen. Mgr. & Pur. Agt.
Nathan A. Bundy.....Buffalo
Pres. Wm. J. Wheeler 16 Court St., Brooklyn
V. Pres. A. S. Willdig 16 Court St., "
Sec. Dan'l K. Harrington.....Buffalo
Ch. Engr. Fred'k Wing..... "
Supt. Transp. Wm. Doud..Orchard Park
Supt. Line & Mot. Pwr.
John Holstein.....Ebenezer
Ch. Engr Pwr. Sta. G. A. Wahle "
Track Foreman, Fred. Slade. Gardenville.
Power sta. equip. 4 d. c. Keystone, G. E. West. tot. 860 kw; 825 hp. e. (gas); 900 hp. e (stm.); 500 hp. b. stir; trolley volt. 550 v.

Power stas. at Ebenezer and Orchard Park; repair shop at Gardenville and Orchard Park.

Reaches Erie County Fair Grounds at Hamburg, Lein's Park (Buffalo), owned by H. C. Lein and Gardenville Park.
25.35 miles; 4-8½ g; 12 motor and 16 other cars, 2 snow plows, 1 sweeper. (8 miles to E. Aurora under construction.) 127

634—International Railway Co.—General Office, Ellicott Sq. (A consolidation into one operative company, of all the street railways in Buffalo, Niagara Falls, Lockport, Tonawanda, North Tonawanda and vicinity. The constituent companies merged, consolidated or purchased are as follows: Buffalo Railway Co., Buffalo Traction Co., Buffalo & Niagara Falls Elec. Ry., Buffalo, Bellevue & Lancaster Ry. Co., Buffalo & Lockport Ry., Buffalo, Tonawanda & Niagara Falls Electric Railroad Co., Elmwood Ave. & Tonawanda Elec. Ry. Co., Lockport & Olcott Ry., Niagara Falls & Suspension Bridge Ry. Co., Niagara Falls Whirlpool & Northern Ry., Niagara Falls Park & River Ry. Co., Niagara Falls, Ont., Niagara Falls Suspension Bridge Co., Clifton Suspension Bridge Co., Lewiston Connecting Bridge Co., Queenstown Heights Bridge Co., Crosstown St. Ry. Co., of Buffalo and The Elec. City Ry. Co., Niagara Falls.) (Purchased right of way, property and holdings of the Frontier Elec. Ry., which was organized to construct an elec. ry. over private right-of-way from Niagara Falls to Buffalo.) (Connects with the aerial cableway operated by The Niagara Spanish Aerocar Co., Ltd.) (Owned and controlled by the International Trac. Co.)
Pres. E. G. Connette.....Buffalo
V. Prests. { E. J. Dickson.. .... "
Gen. Counsel,
Thos. Penney ..... "
Sec. & Treas.
G. W. Wilson..... "
Asst. Treas.
P. C. Reinhardt..... "
*Audr. C. A. Chavel..... "
Pur. Agt. J. C. Sheldon..... "
Gen. Supt. Transp.
John O. Wiegel..... "
Supt. Lockport Div. A. S. Henry..Lockport
Supt. Niag. Falls Div.
E. H. Henning.....Niagara Falls
Actg. Supt. Buffalo City Lines
E. Schlant.....Buffalo
Traffic Agt. W. J. Whiteside. Main & Court Sts., "
Supt. Pwr. G. W. Dunlap..... "
Supt. Equip.
J. W. Hulme.....1621 Main St., "
Roadmaster, H. L. Mack 857 Main St., "
Power sta. equip. 10 d. c. G. E. tot. 5100 kw; 5 a. c. G. E. West. tot. 6825 kw. 1100-11,000 v. s. & 3 ph. 25-40 & 60 cys; 8050 hp. e. Allis-C, Lake Erie; 5380 hp. b. Bab. & W; 5500 kw. turb. (stm.) West; 4000 hp. turb. Francis, Kennedy; trans. volt. 11,000-22,000 v; trolley volt. 615-640 v.
Energy also purchased from General Elec. Co. Tonawanda Pwr. Co. and The Niagara Falls Pwr. Co.; auxiliary steam power house, Niagara St., Buffalo; hydraulic power house, Niagara Falls, Ont.
Repair shop at Cold Spring (Main St.), Buffalo.
Company owns hotel and amusement resort at Olcott Beach; reaches Delaware, Cazanovia, South and Humboldt City Parks.
400.8 miles; 4-8½ g; 927 motor pass. cars, 26 trailers; 97 other motor cars and 3 elec. locos; 89 other cars. (Buffalo-Niagara Falls high-speed line under construction.) ★18

635—International Traction Co.—Gen. Office, 816 Ellicott Sq. Registered office, with Corporation Trust Co., 15 Exchange Place, Jersey City, N. J. (Holding company, owning entire stock of International Ry. Co.) (The United Gas & Elec. Corpn. owns 60 p. c. of the common stock.)
Chmn. Ex Com. and Pres.
Rodman E. Griscom, 40 Wall St., New York
V. Pres. E. G. Connette.....Buffalo
Sec. & Treas. Geo. W. Wilson.... "
Audr. C. A. Chavel..... "
18

CANANDAIGUA. 7,217.

636—Ontario Light & Trac. Co.—Office, 34 Clinton Ave., No. Rochester. (The lighting interests of this company have been merged into the Rochester Ry. & Lt. Co.) (Controlled

through stock ownership by New York State Rys.)
Pres. Horace E. Andrews.....New York
V. Prests. { Wm. K. Vanderbilt, Jr. "
G. A. Hollister.....Rochester
R. M. Searle..... "
Sec. & Gen. Audr. J. C. Collins "
Treas. M. S. Barger.....New York
Asst. Treas. C. A. Tucker.....Rochester
Audr. E. C. Scobell..... "
Gen. Mgr. J. T. Hutchings.... "
Supt. V. A. Miller.....Canandaigua
Power sta. equip. 3 a. c. Westg., G. E. tot. 885 kw. 2300-6600 v. 3 ph. 60 cys; trans. volt. 6600 v; trolley volt. —— v; also purchases energy.
Power sta. at Littleville.
3 miles; 4-8½ g. ★97†

COHOES. 24,709.

638 — Cohoes Ry. Co. — Office, 598 Broadway, Albany. (Connects Cohoes, Watervliet, Green Island and Troy.) (Leased and operated by the United Trac. Co.)
Pres. L. F. Loree
32 Nassau St., New York
V. Prests. { W. H. Williams
32 Nassau St., "
F. P. Gutelius.....Albany
H. B. Weatherwax.... "
Asst. to Pres.
W. B. Schofield
32 Nassau St., New York
Sec. & Audr. W. H. Elder.....Albany
Treas. H. F. Atherton..... "
Atty. John MacLean..... "
Asst. to V. Pres.
G. H. Parker, 32 Nassau St., New York
Compt. W. H. Davies " " "
Act'g Gen. Mgr. A. E. Reynolds...Albany
6.682 miles; 4-8½ g; 9 motor cars. ★127

COOPERSTOWN. 2,662 (1914).

639—Southern New York Pwr. & Ry. Corpn. — Office, Cooperstown. (Successor to Otsego & Herkimer R. R. Co.) (Connects Oneonta, Cooperstown, Richfield Spgs., Jordanville, Schuyler Lake, Fly Creek, Index, Hartwick, Laurens, Mohawk and Herkimer.)
Pres. Jos. B. Mayer,
43 Exchange Pl., New York
V. Pres., Gen. Mgr. &
Pur. Agt. C. L. Stone.....Cooperstown
Sec. J. L. De Rosset
37 Wall St., New York
Treas. & Audr.
H. R. Skirving.....Cooperstown
Supt. Transp. F. B. Sheldon....Hartwick
Claim, Gen. Fgt. & Pass. Agt.
J. W. Nugent.....Cooperstown
Elec. Engr.
C. S. Stanton..... "
M. M., G. C. Killeen.....Hartwick
Engr. Maint. of Way,
R. P. Waller.....Cooperstown
Power sta. equip. 5 a. c G. E., W. H. tot. 3540 kw. 13,200 v. 3 ph. 25 cys; 1500 hp e. Bass; 1050 hp. b. Bab. & W; 4000 hp. turb. (wtr.) Holyoke; trans. volt. 13,200 v; trolley volt. 600 v.
Steam plant and repair shop at Hartwick; hydro-electric plant at Colliersville.
Reaches Canadarago and Lake House Parks.
65.66 miles; 4-8½ g; 32 motor and 26 other cars. (Co. sells energy to Colliers Lt., Ht. & Pwr. Co.) 127

CORNING. 13,730.

640—Corning & Painted Post St. Ry.—Gen. Office, 50 Church St., New York City. (Connects Corning and Painted Post.)
Pres. J. L. Greatsinger.....Elmira
V. Prests. { G. N. Orcutt.....New York
R. S. Parsons..... "
Sec. K. V. Doherty..... "
Treas. D. W. Bigoney..... "
Audr. F. A. Clark..... "
Gen. Supt. J. R. Empey.....Elmira
Gen. Agt. C. B. Hammond..... "
Supt. Equip. J. A. Wilcox.....Corning
Pur. Agt. W. R. Collins.....New York
Energy purchased from Corning Lt. & Pwr. Corp.; trolley volt. 570 v.
Repair shops at Mosey Glen.
5.9 miles; 4-8½ g; 18 motor and 3 other cars. 127

CORTLAND. 11,504.

641—The Cortland County Traction Co.—Office, 129 S. Main St. (Connects Cortland, Homer, McGraw, Preble and Little York.)
Pres. Edwin Duffey.....Cortland
V. D. W. VanHoesen..... "
Prests. { E. H. Brewer..... "
*Sec. H. A. Dickinson..... "
Treas., Gen. Mgr. & Pur. Agt.
G. H. Garrison..... "
Power sta. equip. 1 d. c. G. E. 300 kw; 2 a. c. G. E. tot. 400 kw. 2200 v. 2 ph. 60 cys; 750 hp. e. B. & W; 1330 hp. b. A. & T. Heine, Edge; 2000 kw. turb. (stm.) G. E; trolley volt. 600 v.
Power sta. and repair shop at Cortland.
Reaches and owns Little York Park.
17.4 miles; 4-8½ g; 14 motor pass. cars, 6 trail pass. cars and 2 other cars. (Company does lighting and power business.) ★127

DUNKIRK. 17,221.
(See No. 632.)

EAST ROCHESTER. 3,471.
(See No. 750a.)

ELMIRA. 37,176.

642—Elmira, Corning & Waverly R. R.—Office, 400 East Water St., Elmira. (Operates between Wellsburgh, Chemung, Waverly, Elmira, Corning, E. Corning and Big Flats.)
Pres. J. L. Greatsinger.....Elmira
V. Prests. { R. S. Parsons.....New York
G. N. Orcutt..... "
Sec. J. E. Packer..... "
Treas. D. W. Bigoney..... "
Audr. F. A. Clark..... "
*Gen. Supt. J. R. Empey.....Elmira
Gen. Agt. C. B. Hammond..... "
Pur. Agt. W. R. Collins,
50 Church St., New York
Supt. Equip. J. A. Wilcox.....Elmira
Energy from Elmira Wtr. Lt. & R. R. Co.; trans. volt. 11,000 v; trolley volt. 600 v.
Repair shops at Corning.
36 miles; 4-8½ g; 13 motor cars and 1 other car. 127

643—Elmira Wtr. Lt. & R. R. Co.—Office, Hulett Bldg., cor. Lake & Water Sts. (In 1914, absorbed West Side R. R. Co., and in 1916, absorbed Elmira & Seneca Lake Trac. Co. and Elmira Transmission Co.) (Connects Elmira, Elmira Heights, Center Mills, Horseheads, Pine Valley, Millport, Croton, Montour Falls, Watkins, Southport Corner, West Elmira and Clark's Glen.) (Controlled by United Gas & Elec. Co., which in turn is controlled by The United Gas & Elec. Corpn., 61 Broadway, New York, N. Y.)
Pres. Ray Tompkins..... Elmira
V. Pres. Geo. Bullock,
61 Broadway, New York
Sec. & Treas. C. A. Kolstad.....Elmira
Asst. Sec. J. A. McKenna,
61 Broadway, New York

Asst. Treas. H. J. Pritchard, 61 Broadway, New York
Audr. A. M. Lewis.....Elmira
Gen. Mgr. F. H. Hill..... "
Supt. Transp. & Claim Agt. Francis G. Maloney..... "
Gen. Fgt. Agt. Thos. Williams..... "
Storekeeper & Res. Pur. Agt. Chas. H. Westcoat..... "
Ch. & Elec. Engr. H. E. Gough..... "
Supt. Equipt. C. M. Bange..... "
Engr. Pwr. Sta. C. E. Bowen..... "

Power sta. equip. 2 d. c. tot. 10,500 kw; 7 a.c. turbo-gen. Allis-C, G. E. tot. 20,000 kw. 2300 v. 3 ph. 60 cys; 3000 hp. b. Bab. & W; trans. volt. 11,000 and 22,000 v; trolley volt. 550 v.

Power sta. E. Water & Sullivan Sts; repair shops, at E. 5th St., Elmira, Millport and College Ave., Elmira.

Owns Rorick's Glen Park and Maple Ave. Driving Park; reaches the Chemung and Schuyler County Fairgrounds, Havana Glen, Watkins Glen, Seneca Lake and Eldridge Park.

42.884 miles; 4-8½ g; 70 motor pass. cars, 18 trail pass. cars and 19 other motor cars; 3 other cars. (Company does gas and electric lighting and power business and sells energy to Corning Lt. & Pwr. Corp. and to railways.) ★127

FAIRPORT. 3,553.
(See No. 750a.)

FALCONER. 2,141.
(See No. 656.)

FISHKILL. 516.
(See No. 627.)

FLUSHING.
(See No. 743.)

FREDONIA. 5,285.
(See No. 632.)

FREEPORT. 4,886.
(See also No. 649.)

644—Great South Bay Ferry Co.—(Absorbed the Sea Shore Municipal R.R Co.) (Part of line which connects Freeport and Point Lookout with Long Beach, 6 miles.)
Atty. Elvin N. Edwards, 1-7 Railroad Ave., Freeport
*Mgr. Chas. H. Edwards 1-7 Railroad Ave., "

Energy purchased from New York & Long Island Trac. Co.
1.5 miles; 4-8½ g; 2 cars. 77

FULTON. 11,188.
(See No. 749.)

GARDENVILLE. 550.
(See No. 633.)

GENEVA. 12,446.
(See Nos. 741 and 747.)

GLEN COVE. 3,750.

645—The Glen Cove R. R. Co.—Office, Penns. Sta., New York. (Controlled by The Long Island R. R. Co.) (Connects Sea Cliff, Glen Cove, Glen Cove Dock and Hempstead Harbor.)
Pres. Ralph Peters.....New York
V. Pres. C. L. Addison..... "
Sec. Frank E. Haff..... "
Treas. J. F. Fahnestock, Philadelphia, Pa.
Compt. C. M. Bunting.. " "
Gen. Audr. A. B. Bierck.....New York
Gen. Mgr. J. R. Savage..... "
Supt. Alvah Seaman.....Far Rockaway
Gen. Pass. Agt. H. M. Smith...New York
Pur. Agt. H. B. Hodges..... "
Ch. Engr. L. V. Morris.....Jamaica
Ch. Engr. Elec. Trac. Geo. Gibbs.....New York
Supt. Teleg. & Elec. L. S. Wells..... "
Engr M. of W. E. M. Weaver.....Jamaica
Real Estate Agt. H. A. Howarth, New York

Energy from The Long Island R. R. Co.; trolley volt 2200 v.

3.45 miles (catenary); 4-8½ g; 4 motor cars and 1 other car. ★127

GLENS FALLS. 15,243.

646—Hudson Valley Ry. Co.—(A consolidation of the Stillwater & Mechanicsville St. Ry. Co., the Greenwich & Schuylerville Elec. R. R., the Saratoga Trac. Co., the Saratoga Northern Ry., the Glens Falls, Sandy Hill & Fort Edward St. R. R. Co., and the Warren County Ry. Leases The North River Ry.) (Connects Troy, Mechanicsville, Saratoga, Glens Falls and Warrensburg.)
Pres. L. F. Loree 32 Nassau St., New York
V. Prests. W. H. Williams 32 Nassau St., " / F. P. Gutelius.....Albany / H. B. Weatherwax.... " / Asst. to Pres. W. B. Schofield 32 Nassau St , New York
Sec. & Audr. W. H. Elder.....Albany
Treas. H. F. Atherton..... ..... "
Atty. Jas. McPhillips.....Glens Falls
Asst. to V. Pres. G. H. Parker 32 Nassau St., New York
Compt. W. H. Davies 32 Nassau St., "
Gen. Mgr. A. E. Reynolds....Glens Falls
Pur. Agt. J. White Sprong.....Albany
Div. Supt. Edw. D. Preston...Glens Falls
Div. Supt. John Mahoney.....Stillwater
Gen. Fgt. & Pass. Agt. A. J. Selleck.....Glens Falls
Ch. Engr. James MacMartin.....Albany
Supt. of Pwr. & Lines Geo. W. Davison.....Glens Falls
Res. Engr. N. E. Davis..... "
Supt. of Rolling Stock, Geo. Murray..... "

STILLWATER PWR. STA. 1 d. c. Westg. 200 kw. 625 v; 500 hp. turb. (wtr.) Trump; 1 rot. conv. West. 300 kw. 370-23,000 v; trolley volt. 625 v.

MIDDLE FALLS PWR. STA. 2 d. c. Westg. tot. 400 kw; 2 a.c. C-W. tot. 300 kw. 370 v. 3 ph. 40 cys; 1 rot. conv. West. 250 kw; 500 hp. turb. (wtr.) Trump; trans. volt. 22,000 v; trolley volt. 625 v.

Power stas. at Stillwater and Middle Falls; sub-stas. at Queensbury, Lake George, Wilton, Round Lake, Thomson and Saratoga; repair shops at Queensbury, Stillwater and Saratoga.

Owns Kaydeross Park, Saratoga Lake, and Ondawa Park, Greenwich.

140.06 miles; 4-8½ g; 125 motor cars and 8 other cars. (Has track privileges over lines of United Trac. Co. between Waterford and Troy.) ★127

GLOVERSVILLE. 20,642.

647—Adirondack Lakes Trac. Co.—(Controlled and operated by Fonda, Johnstown & Gloversville R. R.)
Pres. W. H. Collins,.....Gloversville
V. Pres. W. H. Dailey..... "
Treas. & Audr. Geo. A. Harris..... "
Supt. H. A. Melius..... "
Pur. Agt. L. A. Hall..... "

Google

Energy from Fonda, Johnstown & Gloversville R. R.; trolley volt. 575 v.
Reaches Mountain Lake, summer resort.
5 miles; 4-8½ g; 4 cars. (Co. furnishes energy for lighting Mountain Lake.)
★127

648—Fonda, Johnstown & Gloversville R.R.(Electric Div.)—Office, Gloversville. (Connects Gloversville, Johnstown, Fonda, Amsterdam and Schenectady.) (Controls and operates Adirondack Lakes Trac. Co.)
Pres. J. Ledlie Hees
42d St. Bldg., New York and Gloversville
Sec. Frank Burton..... "
*Treas. & Audr.
Geo. A. Harris..... "
Asst. Treas. E. J. Beach..... "
Gen. Mgr. W. H. Collins.... "
Supt. Amsterdam Div.
J. G. Nellis.....Amsterdam
Actg. Supt. Cayadutta Div.
C. B. Nellis.....Gloversville
Claim Agt. Wm. H. Hyland... "
Gen. Pass. Agt. Robt. M. Colt "
Pur. Agt. L. A. Hall..... "
Ch. Engr. F. A. Bagg..... "
Ch. Engr. Pwr. Sta. C. L. Gates, Tribes Hill
M. M. Judson Zimmer.....Gloversville
Roadmaster, Thos. Ryan..... "
"Summer Resort" Mgr. F.W.Wilson Sacandaga
Power sta. equip. 3 d. c. exc. G. E. tot. 225 kw; 3 a. c. G. E. tot. 3000 kw. 3 ph. 25 cys; 4500 hp. e. Allis-C; 4000 hp. b. Spgf; trans. volt. 13,200 v; trolley volt. 575 v; also purchases energy from East Creek Elec. Lt. & Pwr. Co.
Power sta. at Tribes Hill; repair shops, Amsterdam and Gloversville.
Owns and operates Sacandaga "Summer Resort."
32 miles; 4-8½ g; 62 motor pass. cars and 4 other motor cars; 30 other cars.
★127

HAMBURG. 2,134.

(See No. 632.)

HEMPSTEAD. 4,964.

649—The New York & Long Island Trac. Co.—Office, Hempstead, L. I. (Connects Mineola, Garden City, Freeport, Rockville Centre, Hempstead, Queens, Lynbrook, Valley Stream, Rosedale, Springfield, Ozone Park, Woodhaven Junction, Munson, Franklin Square, Queens and Jamaica.) (Controlled by The Long Island Consol. Elecl. Cos. and Interborough Rapid Transit Co.)
Pres. C. L. Addison
Penna. Sta., New York
*V. Pres. Gen. Mgr. & Pur. Agt.
W. O. Wood.....Long Island City
Sec. & Treas. Frank E. Haff
Penna. Sta., New York
Gen Audr.
A. B. Bierck.... " " " "
Audr. Wm. Hartz .....Long Island City
Supt. John M. Stoddard.....Hempstead
Claim Agt. A. J. Eaton..Long Island City
Engr. Pwr. Sta. D. W. McFaul
Rockville Centre
Supt. of Equip.
J. W. Gerke.....Long Island City
Power sta. equip. 2 a. c. Westg. tot. 1000 kw. 2 ph. 60 cys; 1500 hp. e. C & G, Cpr; 990 hp. b. Stir; trans. volt. 6600 v; trolley volt. 550 v.
Power sta. at Rockville Centre; repair shops at Hempstead.
Reaches Belmont Park.
41.99 miles; 4-8½ g; 86 motor pass. cars and 7 other motor cars; 1 other car.
★127

HOMER. 2,695.

(See No. 641.)

HOOSICK FALLS. 5,533.

650—Hoosick Falls R.R. Co.—Gen. Office, 129 Church St., New Haven, Conn. (Leased to the Vermont Co., but by agreement with said company the Berkshire St. Ry. Co. operates the property.) (Connects Hoosick Falls and Bennington, Vt.)
Pres. Howard Elliott..New Haven, Conn.
V. Prests. { L. S. Storrs " " "
Gen. Mgr.
C. Q. Richmond
Pittsfield, Mass.
Sec. A. E. Clark.....New Haven, Conn.
Treas. A. S. May..... " "
Audr. I. A. May..... " "
Supt. Geo. E. Greene.....Hoosick Falls
Engr. Pwr. Sta. T. H. Curran
Walloomsac
Power sta. equip. 2 d. c. Westg. G. E. tot. 400 kw; 800 hp. e. Ham. Cor. Fishkl; 300 hp. b. Heine, St. L; trans volt. 575-550 v.
Power sta. at Walloomsac, N. Y. Repair shop at No. Bennington, Vt.
Reaches Battle Field Park.
7.5 miles; 4-8½ g; 15 motor and 13 other cars; 1 snow plow. 127

HORNELL. 13,617.

651 — Hornell Trac. Co. — Office, Adsit St., Hornell. (Connects Hornell and Canisteo.)
*Recvr. & Gen. Mgr.
Robt. W. Bull. .....Hornell
Pres. Chas. Adsit....126 Main St., "
M. M., M. J. Gordon..... "
Energy purchased from Hornell Elec. Co.; trolley volt. 550 v.
Repair shop, Adsit St.
Owns and reaches Glenwood Park, 38 acres.
10.9 miles; 4-8½ g; 18 motor and 6 other cars. ★127

HORSEHEADS. 1,778.

(See No. 643.)

HUDSON. 11,417.

(See No. 621.)

HUNTINGTON. 3,026.

652—Huntington R. R. Co.—Office, Penna. Sta., New York. (Controlled by The Long Island R. R. Co.) (Connects Huntington Harbor, Huntington Village, Amityville and Amityville Dock.)
Pres. Ralph Peters.....New York
V. Pres. C. L. Addison..... "
Secy. Frank E. Haff..... "
Treas. J. F. Fahnestock
Philadelphia, Pa.
Compt. C. M. Bunting.. " "
Gen. Audr. A. B Bierck.....New York
Gen. Mgr. J. R. Savage..... "
Supt. Alvah Seaman.....Far Rockaway
Gen. Pass. Agt. H. M. Smith..New York
Pur. Agt. H. B. Hodges..... "
Ch. Engr. L. V. Morris.....Jamaica
Supt. of Teleg. & Elect.
L. S. Wells.....New York
Ch. Engr. Elec. Trac.
George Gibbs..... "
Engr. M. of W.
E. M. Weaver.....Jamaica
Real Estate Agt.
H. A. Howarth.....New York
Energy from The Long Island R. R. Co. trans. volt. 11,000 v., trolly volt. 600 v.; sub-stas. at Huntington and Farmingdale.
19.97 miles; 4-8½ g; 13 motor and 5 other cars. ★127

ITHACA. 14,802.

653 — Central New York Southern Railroad Corpn. — Office, 109

N. Tioga St., Ithaca. (This is a steam road connecting Auburn, Mapleton, Merrifield, Venice Center, Genoa, North Lansing, South Lansing and Ithaca; operates Ithaca Terminal, from Ithaca to South Lansing, by electricity.) (Controls Ithaca Trac. Corpn.)
Pres. R. B. Williams, Jr.....Ithaca
1st V. Pres. H. W. Fitz
c/o Slater Trust Co., Pawtucket, R. I.
2d V. Pres. Chas. E. Hotchkiss
34 Nassau St., New York, N. Y.
*Sec., Gen. Mgr. & Ch. Engr.
H. A. Clarke.....Ithaca
Treas. & Pur. Agt. T. P. Clancy... "
Gen. Fgt. & Pass. Agt.
G. E. Taylor..... "
M. M., J. H. Doyle.....Auburn
Engr. M. of W., H. S. Morgan.....Ithaca
Roadmaster, Edward Fitzgerald, Auburn
Energy purchased from Ithaca Trac. Corpn; trans. volt. 2300 v; trolley volt. 600 v.
Repair shops at Auburn.
43.28 miles (steam, gasoline and electric (7 miles); 4-8½ g; 1 elec. motor car, 2 gasoline motor cars, 4 steam locomotives, 2 elec. locomotives and 55 other cars. ★127

654—Ithaca Traction Corpn.—Office, 109 N. Tioga St. (Controlled by Central New York Southern Railroad Corpn.)
Pres. Roger B. Williams, Jr.....Ithaca
1st V. Pres. H. W. Fitz
c/o Slater Trust Co., Pawtucket, R. I.
2d V. Pres. Chas. E. Hotchkiss
34 Nassau St., New York
Sec & Gen. Mgr. H. A. Clarke.....Ithaca
Treas. & Pur. Agt. T. P. Clancy.... "
Supt. Pwr. Sta. J. S. Murphy..... "
M. M., Wm. Brooks..... "
Engr. M. of W., H. S. Morgan..... "
Power sta. equip. 3 a.c. Westg. tot. 1200 kw. 2300 v. 3 ph. 60 cyc; 1800 hp. e. Rnes; 2568 hp. b. Wickes, Edge: 750 kw. turb. (stm.) G. E; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. and repair shops, Ithaca.
11.47 miles; 4-8½ g; 41 motor and 3 other cars. (Sells energy to Ithaca Gas & Elec. Corp. and Central New York Southern R. R. Corp.) ★127

JAMESTOWN. 31,297.

655—Chautauqua Traction Co.—Office, Jamestown. (Connects Jamestown, Barcalona, Celoron, Lakewood, Stow, Chautauqua, Mayville and Westfield.)
Pres. A. N. Broadhead.....Jamestown
V. Pres. & Asst. to Pres.
Wm. A. Broadhead..... "
V. Pres. & Treas.
S. B. Broadhead..... "
Sec. W. R. Reynolds..... "
Audr. F. H. Kibling..... "
Gen. Mgr., Claim Agt.
& Pur. Agt. Geo. E. Maltby.. "
Gen. Fgt. & Pass. Agt.
C. J. Moynihan..... "
Supt. L. J. Hills..... "
Asst. Supt. A. A. Haney..... "
*Traffic Mgr. George L. Maltby "
Elec. Engr. John Smedberg... "
Ch. Engr. A. Olson..... "
M. M., F. Miller..... "
Roadmaster, Axel Westergreen "
Energy purchased from Jamestown St. Ry. Co.; trans. volt. 16,500 v; trolley volt. 535 v.
Repair shops at Jamestown.
Reaches and controls Sylvan Park on Chautauqua Lake.
26.73 miles; 4-8½ g: 19 motor and 2 other cars. ★127

656—Jamestown St. Ry. Co.—(Connects Lakewood, Celoron, Jamestown and Falconer.)
Pres. A. N. Broadhead.....Jamestown
V. Pres. & Asst. to Pres.
Wm. A. Broadhead..... "
Sec. & Treas. S. B. Broadhead "
Audr. F. H. Kibling..... "
Gen. Mgr. Claim & Pur. Agt.
G. E. Maltby..... "
Supt. L. J. Hills..... "
Asst. Supt. A. A. Haney..... "
Traffic Mgr. Geo. L. Maltby... "
Ch. Engr. Pwr. Sta.
A. Olson..... "
Elec. Engr. & M. M.
Frank Miller..... "
Track Foreman.
Axel Westergreen..... "
Power sta. equip. 1 a. c. turbo gen. West. 7500 kw; 5000 hp. b. McE, Wicks, Bab. and W; trans. volt. 16,500 v; trolley volt. 535 v.
Power sta. and repair shop at Jamestown.
Reaches Celoron Park (controlled) on Chautauqua Lake.
28.694 miles; 4-8½ g; 73 motor and 3 other cars. (Co. sells energy.) ★127

657 — Jamestown, Westfield & Northwestern R. R. Co.—Office, Jamestown. (Formerly the Jamestown, Chautauqua & Lake Erie Ry. Co., a steam road which was converted to 3 ph. overhead trollev.) (Connects Bemus Point, Dewittville, Hartfield, Mayville, Westfield and Jamestown; also operates boat line.)
Pres A. N. Broadhead.....Jamestown
1st V. Pres. & Treas.
S. B. Broadhead..... "
2d V. Pres. Wm. A. Broadhead "
Sec. Wm. R. Reynolds..... "
Audr. A. B. Crossley..... "
Supt. Geo. L. Maltby..... "
Traffic Mgr. C. J. Moynihan.. "
M. M., F. Miller..... "
Roadmaster, John Geran..... "
Energy purchased from Jamestown St. Ry. Co.; trolley v. 625 v.
40 miles; 4 8½ g; 13 motor and 10 other cars; 1 sweeper; 1 Russell snow plow. ★127

657a—Panama Traction Co.—Office, 318 Wellman Bldg. (Will extend from Warren, Pa., to Youngsville and Sugargrove through Busti to Jamestown and from Busti west to Ashville, Panama, Clymer, Wattsburg, Lowe ville and into Erie, Pa. In operation between Youngsville and Sugar Grove, Pa.)
Pres. M. M. Sanderson.....Buffalo
*V. Pres. & Gen. Mgr.
D. L. Davis.....Jamestown
Engrs. Chapman & Graham.. "
11 miles; 2 gasoline cars. (Grading under way between Sugar Grove, Pa., and Busti, and between Ashville and Panama.) 77

JOHNSTOWN. 10,447.

(See No. 648.)

KINGSTON. 25,908.

658—Kingston Consolidated R. R. Co.—Office, 320 Broadway. (Consolidation of Colonial City Traction Co. and Kingston City R. R. Co.) (Kingston-Rondout.)
Pres. Fred. T. Ley.....Springfield, Mass.
1st V. Pres. Henry C. Page
Worcester, Mass.
*Sec. & Gen. Mgr. G. B. te Bow. Kingston
Treas. A. Hasbrouck..... "
Ch. Engr. M. J. Sullivan..... "
M. M., T. McNeils..... "
Power sta. equip. 4 d. c. Westg. tot. 675 kw; 900 hp. e. B. & W; 912 hp. b. Bab. & W; trolley volt. 550 v.
Power sta. at Rondout, near Hudson River; repair shop at 320 Broadway, Kingston.
Owns and controls Kingston Point Park.

8.831 miles; 4-8½ g; 39 motor pass. cars and 2 other motor cars. 127

LANCASTER. 4,684.
(See No. 630.)

LEWISTON. 713.
(See No. 724.)

LOCKPORT. 17,970.
(See Nos. 634 and 739.)

LONG ISLAND CITY.
See Borough of Queens, New York.

LYONS. 4,758.
(See No. 750a.)

MIDDLETOWN. 15,313.

660—The Wallkill Transit Co.—Office, 7 E. Main St. (Connects Goshen, Mechanicstown and Middletown.)
Pres., Gen. Mgr. & Claim & Pur. Agt. D. C. McMonagle.....Middletown
V. Pres. Chas. A. Kunkell, Harrisburg, Pa.
Sec. John F. Weiss..... "
Treas. W. M. Ogelsby.... "
Audr. F. N. Boyd.....Middletown
*Supt. & Park Mgr. Willard M. Gould..... "
Ch. Engr. & Engr. Pwr. Sta. W. D. VanInwegen..... "
M. M., S. K. Lybolt..... "
Roadmaster, E. Hughes..... "
Power sta. equip. 2 d. c. Bull. tot. 575 kw; 835 hp. e. Harrisbg; 750 hp. b. Franklin; trolley volt. 550 v.
Power sta. and repair shop at Mechanicstown.
Owns and controls Midway Park (82 acres).
12.84 miles; 4-8½ g; 25 motor and 7 other cars; 1 sweeper. 116

MINEOLA. 1,981.
(See Nos. 649 and 743.)

MT. VERNON. 30,919.

661—Westchester Elec. R. R. Co.—Office, 519 South Fifth Ave., Mt. Vernon. (Connects New York, Mt. Vernon, New Rochelle, Bronxville, Tuckahoe, Larchmont, Pelham and Pelham Manor). (Controlled by Third Ave. Rv Co., New York, which see for executive officers.)
Supt. Wm. B. Wheeler.....Mt. Vernon
Claim Adjuster, A. P. Guion.. "
Pur. Agt. Chas. Witzel. 2396 3rd Ave., New York
Ch. Engr. —— —— 2396 3rd Ave., "
Elecl. Engr. James D. Kent. 176th St. & Boston Rd. "
Supt. Equip.. J. S. McWhirter, 65th St. 3rd Ave., "
M. M., James McGeen.....New Rochelle
Roadmaster, John Leaddy....Mt. Vernon
Energy purchased from Third Ave. Ry. Co. Power sta. North Third Ave., Mt. Vernon; repair shops, East Chester.
Transfers to Hudson Park and Glen Island.
37.285 miles: 4-8½ g; 100 motor cars and 5 other cars. ★18

NEWARK. 6,227.
(See No. 750a.)

NEWBURGH. 27,805.

662—Orange County Traction Co.—Office, 244 Broadway, Newburgh. (Operating Newburgh City Line, Newburgh & Orange Lake Line and Walden & Orange Lake Line.) (Connects Newburgh, Orange Lake and Walden.)
Pres. B. B. Odell, Jr. 244 Broadway, Newburgh
*Asst. to Pres.. Audr. & Pur. Agt. B. Bryant Odell, 244 Broadway "
V. Pres. A. L. J. Miller 248 Broadway "
Sec. W. G. Taggart 244 Broadway "
Treas. H. B. Odell 14 Water St. "
Gen. Supt. F. S. Berry 244 Broadway "
Ch. Engr. Pwr. Sta. Nicholas Treshman..... " "
M. M. Edward Schulmeyer " "
Roadmaster, F. Green..... " "
Power sta. equip. 3 d. c. Westg. tot. 450 kw; 3 rot. conv. G. E., West. tot. 800 kw. 60 cys; 300 hp. e. Dixon, Cor; 700 hp. b. Delaney, A. & R; trans. volt. 13,500 v; trolley volt. 550 v.
Also purchases energy from Central Hudson Gas & Elec. Co.
Power sta. and repair shop at Newburgh. Orange Lake Park (owned).
23 miles; 4-8½ g; 58 motor and 11 other cars. 127

NEW PALTZ. 1,230.

663—New Paltz, Highland & Poughkeepsie Traction Co.—Office, New Paltz. Executive office, 15-21 Exchange Pl., Jersey City, N. J. (Connects New Paltz, Ohioville, Loyd, Highland Landing with ferry to Poughkeepsie.)
Pres., Gen. Mgr. & Pur. Agt. Jos. A. Duffy, 21 Exchange Pl., Jersey City, N. J.
V. Pres. & Audr. E. F. Millar 21 Exchange Pl., Jersey City, N. J.
*Sec. Geo. A. Wardell, 21 Exchange Pl., Jersey City, N. J.
Treas. Thos. G. Hinds, 21 Exchange Pl., Jersey City, N. J.
Supt. Geo. H. Cahill.....New Paltz
Ch. Engr. Curtis Davis.....Lloyds
M. M. Chas. Palmanteer.....New Paltz
Power sta. equip. 2 d. c. Westg. tot. 350 kw; 450 hp. e. Clark, Rus; 500 hp. b. ——; trolley volt. —— v.
Power sta. and repair shop at Lloyds.
9.27 miles; 11 motor and 6 other cars; 1 snow plow; 1 sweeper. 124

NEW ROCHELLE. 28,867.
(See Nos. 661 and 686.)

NEW YORK. 5,602,841 (1915).
Borough of Brooklyn.
1,928,432 (1915,.

664—Bridge Operating Co.—Offices, 85 Clinton St., Brooklyn, and 165 Broadway, New York. (Stock control held jointly by Brooklyn Heights R. R. Co., and New York Rys. Co. The Brooklyn Heights R. R. Co.. acts as operating agent for joint operators of property.) (Operates local service over Williamsburg Bridge.)
Pres. T. S. Williams.....85 Clinton St.
V. Pres. W. Leon Pepperman, 165 Broadway
Sec. & Treas. C. D. Meneely..85 Clinton St.
*Audr. E. F. J. Gaynor.....165 Broadway
Energy from Brooklyn Heights R. R. Co.
1.60 miles; 4-8½ g; 20 motor cars. 127

665—Brooklyn Rapid Transit Co.—Office, 85 Clinton St. (Controls Brooklyn Heights R. R. Co. (which leases the Brooklyn City R. R. Co.), Brooklyn, Queens Co. & Suburban R. R., Nassau Elec. R. R. Co., New York Consolidated R. R. Co. (a consolidation of the Brooklyn Union Elev. R. R. Co.,

Sea Beach Ry. Co., and Canarsie R. R. Co.), So. Brooklyn Ry. Co., and Coney Island & Gravesend Ry. Co., which controls The Coney Island & Brooklyn R. R. Co.)
Pres. T. S. Williams.....85 Clinton St.
V. Pres. John J Dempsey "
V. Pres. & Treas.
C. D. Meneely..... "
Sec. J. H. Bennington..... "
Compt. Howard Abel..... "
Gen. Counsel,
Geo. D. Yeomans..... "
Supt. Surf. Transp. W. Siebert "
Gen. Pass. Agt.
Harry A. Crowe..... "
Elec. Engr. C.E. Roehl.... "
Claim Agt. I. Isaacsen.... "
Gen. Fgt. Agt. A. R. Piper "
Pur. Agt. Lincoln Van Cott "
Supt. Pwr. H. A. Robbins. "
Supt. Equip. W. G. Gove.. "
Engr. of Way & Structure,
C. L. Crabbs..... "
Engr. Rap. Trans. Lines..
H E. Funk..... "
Power stas. equip. 9 d. c. G. E. West, Walker tot. 16,500 kw; 17 a. c. West, G. E., Bull. tot. 133,700 kw. 6600-11,000 v. 3 ph. 25 cys; 47,000 hp. e. Allis-C, West; 76,500 hp. b. Bab. & W, A. & T; 117,500 kw. turb. (stm.) West. G. E.; trans. volt. 6600-11,000 v; trolley volt. 550-600 v.
Power stas., Kent & Division Aves., 3rd Ave. & 2d St. and Smith and 9th Sts. Repair shops: Surface div. at cor. 52d St. and Second Ave.; Elevated div. at 36 Gillen Place, E. New York; 39th St. and Second Ave.; 36th St. and 5th Ave., So. Brooklyn; 801 Freshpond Road, Glendale, L. I.
690.893 miles; 4-8½ g; 4,508 motor cars (4,329 pass.) and 376 other cars owned. ★127

666 — Bush Terminal R. R. Co.— Gen. Office, 100 Broad St., New York. (Road extends from 28th St. and 2d Ave. to 63rd St. and 1st Ave., Brooklyn. Principally freight business.)
*Pres. Irving T. Bush .....New York
V. Pres. R. G. Simonds..... "
Sec. H. W. Green..... "
Treas. & Audr.
John A. Heinrich..... "
Traffic Mgr. P. L. Gerhardt, Ft. 43d St., Brooklyn
Pur. Agt. L. C. Kendall 100 Broad St., New York
Constr. Engr. E. M. Ellsworth, 67-34th St., Brooklyn
Elec. Engr. & Supt. Overhd. Const. W. L. Sturges.....67-34th St., Brooklyn
M. M, W. H. Mallen, Ft 43d St. "
Energy purchased from Brooklyn Edison Co.
6 miles; 4-8½ g; 2 pass. cars and 4 elec. locos. ★18

667—The Coney Island & Brooklyn R. R. Co.— Office, 85 Clinton St. (Controlled by Brooklyn Rapid Transit Co. through Coney Island & Gravesend Ry. Co.)
Pres. S. W. Huff.....Brooklyn
V. Pres. & Treas. C. D. Meneely "
Sec. J. H. Bennington..... "
Compt. Howard Abel..... "
Supt. Wm. Siebert..... "
Pur. Agt. Lincoln Van Cott.... "
Reaches Coney Island.
52.124 miles; 4-8½ g; 482 motor cars (458 pass. cars, 2 snow plows, 6 sweepers and 16 service cars.) ★127

668—Manhattan Bridge Three-Cent Line.—Office, 333 Gold St., Brooklyn. (Connects Flatbush Ave. & Fulton St., Brooklyn, with Canal St. & Bowery, New York.)
Pres. F.W. Rowe...333 Gold St., Brooklyn
V. Pres. F.D. MacKay " "
Sec. Walter Hammitt 482 Fulton St., Brooklyn
Treas. Ed. T. Horwill 215 Montague St., "
Audr. C. E. Grau..333 Gold St., "
*Gen. Supt., Claim & Pur. Agt. Arthur Porter....333 Gold St., "
M.M., A. E. Norton.. " "
Energy purchased from Brooklyn Edison Co.; trolley volt. 600 v.
Repair shop, 333 Gold St.
4 miles; 4-8½ g; 19 motor pass. cars and 1 sweeper. ★127

669 — The Marine Ry. Co.—Gen. office, 192 Broadway, New York. (Road extends from Manhattan Beach to Sheepshead Bay.)
Pres. Fred Cook.....192 Broadway
V. Pres. H. N. Armstrong.. "
*Sec. & Audr.
D. S. Voorhees..... "
Treas. J. S. Turnbull..... "
Act'g. Supt.
Thos. Collins.....Manhattan Beach
1.360 miles; 4-8½ g; 3 storage battery cars. 18

670 — New York Municipal Ry Corpn.— Office, 85 Clinton St. (Formed in the interest of B. R. T. to contract with city of New York for construction and operation of rapid transit lines allotted to the B. R. T. under the dual rapid transit plan viz: existing elevated lines 132 miles, with 25.39 miles still to be constructed; subway and elevated lines for construction jointly by city and company 54.24 miles existing, with 60.83 miles still to be utilized; existing trackage rights utilized 2.87 miles, with 18.22 miles still to be constructed; total of existing lines, lines to be constructed and lines over which company will have trackage rights, 293.55 miles.)
Pres. T. S. Williams.....85 Clinton St.
V. Prests. { Treas. C. D. Meneely " / J. H. Harding.. "
Sec. Harry A. Bullock..... "
Audr. Howard Abel..... "
Gen. Counsel. G. D. Yeomans "
Pur. Agt. Lincoln Van Cott "
Ch. Engr. W. S. Menden... "
Elec. Engr. C. E. Roehl.... "
Transpt. Engr. J. J. Dempsey "
Engr. Car Equip. W.G.Gove "
300 cars. ★127

671—Van Brunt St. & Erie Basin R. R. Co.— Office, 264 Van Brunt St.
Pres. J. F. Murphy.....Brooklyn
V. Pres. & Pur. Agt.
D. W. Sullivan..... "
*Sec. & Treas,
Wyllys Terry ..... "
Energy purchased from Brooklyn Hts. R. R. Co.
3 miles; 4-8½ g; 14 motor cars. 116

Borough of The Bronx.

575,877 (1915).

672—Pelham Park & City Island Ry., Inc.—Gen. Office. 2396 Third Ave., New York. (Extends from Eastern Boulevard to Belden Point.) (Controlled by Third Ave. Ry. Co. which see for executive officers.)
Supt. John W. Keller 220 City Island Ave., City Island
Cl. Agt. Wm. A. Eaton 176th St., & Boston Rd.
Pur. Agt. Chas. Witzel 2396 Third Ave.
Ch. Engr. — — " "
Elec. Engr. Jas. D. Kent.. " "

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Supt. Equip.
J. S. McWhirter..65th St. & Third Ave.
Engr. M. of W.
E. M. T. Ryder.. " "
2.89 miles; 12 storage battery cars.
★18

673—Union Ry. Co.—Office, 2396 Third Ave. (Connects Yonkers and Mt. Vernon.) (Operates Bronx Trac. Co., and So. Blvd. R. R. and is itself controlled by Third Ave. Ry. Co., which see for executive officers.)
Supt. Harry A. Carrigan,
Boston Rd. and 176th St.
Claim Agt.
Wm. A. Eaton " " "
Pur. Agt. Chas. Witzel...2396 Third Ave.
Elec. Engr. J. D. Kent,
176th St. and So. Blvd.
Supt. Equip.
J. S. McWhirter..65th St. & Third Ave.
Engr. M. of W.
E. M. T. Ryder.....2396 Third Ave.
Energy purchased from Third Ave. Ry. Co.; trans. volt. 6600 v; trolley volt. 525 v.
Repair shops at 65th St. & Third Ave.
Reach Claremont, Bronx, Van Cortlandt and Crotona Parks.
125.608 miles; 4-8½ g; 360 motor and 30 other cars. 127

Borough of Manhattan.

2,634,223 (1915).

(See also Nos. 27, 67, 69, 91, 105, 142, 175, 241, 486, 550, 551, 624, 640, 652, 725, 1042, 1829, 1831 and 1836.)

674—Belt Line Ry. Corpn.—Office, 2396 Third Ave. (Controlled by the Third Ave. Ry. Co.; which see for executive officers.)
Supt. Owen McDonald....789 Tenth Ave.
Claim Agt.
John W. Yenson.....2396 Third Ave.
Pur. Agt. Chas. Witzel.. " " "
Ch. Engr.
— — ..... " " "
Supt. Equip.
J. S. McWhirter..65th St. & Third Ave.
Engr. M. of W.
E. M. T. Ryder.... " " "
Repair shops, 65th St. & Third Ave.
31.38 miles (storage battery & elec.); 4-8½ g; 25 motor and 134 other cars.
★18

675—The Brooklyn & North River R. R. Co.—Office 165 Broadway. (Extends from Flatbush Ave. & Fulton St. Brooklyn, via Manhattan Bridge, to Canal St. & Bowery, New York.) (Controlled jointly by the Brooklyn Rapid Transit Co., New York Rys. Co. and Third Ave. Ry. Co.)
Pres. Slaughter W. Huff
85 Clinton St., Brooklyn
V. Pres. Edw. A. Maher, Jr.
2396 Third Ave.
Sec. Geo. Keegan.....165 Broadway
Treas. C. D. Meneely
85 Clinton St., Brooklyn
*Audr E. F. J. Gaynor.....165 Broadway
Supt. W. E. Thompson.....121 Canal St.
3.83 miles; 4-8½ g; cars rented from Third Ave. Ry. Co. ★127

676—Dry Dock, East Broadway & Battery R. R. Co. Office, 2396 Third Ave. (Controlled by the Third Ave. Ry. Co.)
Pres. Slaughter W. Huff, 2396 Third Ave.
V. Pres. & Gen. Mgr.
Edw. A. Maher, Jr.... "
Sec. Shelton E. Martin.... "
Asst. Sec. & Asst. Treas.
Walter C. Burrows..... "
Treas. Alfred D. Sage.... "
Act'g Audr. A. E. J. Tovey "
Supt. Owen McDonald....789 Tenth Ave.
Supt. Equip. J. S. McWhirter
65th St. & Third Ave.
Claim Agt. J. W. Yenson..2396 Third Av.
Pur. Agt. Charles Witzel.. "
Ch. Engr.
— — "
Engr. Maint. of Way
E. M. T. Ryder..... "
Energy purchased from Third Ave. Ry. Co.
Repair shop at 65th St. and Third Ave.
19.496 miles; 4-8½-g; 82 motor and 5 other cars. ★18

677—The Forty-Second St., Manhattanville & St. Nicholas Ave. Ry. Co.—Office, 2396 Third Ave. (Controlled by the Third Ave. Ry. Co., which see for executive officers.)
Supt. Owen McDonald....789 Tenth Ave.
Cl. Agt.
John W. Yenson.....2396 Third Ave.
Pur. Agt. Chas. Witzel.. " " "
Ch. Engr.
— — .... " " "
Engr. M. of W.
E. M. T. Ryder..... " " "
Energy purchased from Third Ave. Ry. Co.
Repair shop at 65th St. & Third Ave.
27.618 miles; 4-8½ g; 173 motor and 7 other cars. ★18

678—Hudson & Manhattan R. R. Co.—Office. 30 Church St., New York. (Connects New York City, Boro. of Manhattan, and Jersey City, Harrison, Newark and Hoboken, N. J., operating joint service with Pennsylvania R. R. Co. from Cortlandt St., New York to Newark, N. J.; Cortlandt St. and Exchange Place, Grove St. and Summit Ave.; Cortlandt St. and Exchange Place, Erie R. R. Sts., Hoboken; Cortlandt St. and 33d St., New York; Summit Ave. and 33d St., New York; Hoboken and 33d St., New York.)
Pres. & Gen. Mgr. } New York
Wilbur C. Fisk..... }
V. Pres. & Ch. Engr.
J. V. Davies.....New York
Sec. & Treas.
J. S. O'Neale..... "
*Asst. Sec. & Claim Agt.
Robt. B. Kay..... "
Asst. Sec. & Asst. Treas.
K. B. Conger..... "
Audr. J. G. Dobbins..... "
Compt. F. H. Sillick..... "
Gen. Supt. C. S. Klumpp..... "
Pur. Agt. H. W. Webber..... "
Asst. Supt. W. & S.
E. M. Blake..... "
Ch. Engr. Pwr. Sta. B. S. Murphy
Washington & Bay Sts.,
Jersey City, N. J.
M. M. Car Equip. Dept.
P. V. See, R. R. Ave. & Warren St.,
Jersey City, N. J.
Power sta. equip. 4 a. c. turbo-gen. G. E., Curtis tot. 18,000 kw. 3 ph. 25 cys; 8100 hp. b. Bab. & W; trans. volt. 11,000 v; 3d rail volt. 650 v.
Power sta., Washington and Bay Sts.; repair shops, Railroad Ave. and Warren St., Jersey City, N. J.
18.757 miles; 3d rail; 4-8½ g; 226 motor and 6 other cars. (Has franchise from 33rd St. and 6th Ave. to Grand Central Sta.) 127

679—Interborough Rapid Transit Co.—Offices, 165 Broadway, New York. (Leases Manhattan Ry. Co. and owns one-half interest in the Long Island Elec. Ry. Co. and New York & Long Island Trac. Co.) (Controlled by Interborough-Consolidated Corpn.)
Chmn. of Board, August Belmont,
43 Exchange Pl.

Pres. & Chmn. Exec. Committee,
Theo. P. Shonts.....165 B'dway
Asst. to Pres.
W. L. Pepperman..... "
*V. Pres. & Gen. Mgr.
Frank Hedley..... "
Asst. to V. Pres. & Gen. Mgr.
Geo. Keegan..... "
V. Pres. in chg. Contracts and Supplies
David W. Ross.....165 B'dway
Gen. Counsel,
Richard Reid Rogers..... "
Gen. Atty. James L. Quackenbush "
Sec. H. M. Fisher..... "
Asst. Sec. A. C. Wigren..... "
Treas. J. H. Campbell..... "
Audr. E. F. J. Gaynor..... "
Supt. Subway Div. A. L. Merritt
96th St. & Broadway
Supt. Elev. Div. S. D. Smith,
South Ferry
Supt. of Motive Power
W. S. Finlay, Jr.....621 Broadway
Supt. Car Equipment,
J. S. Doyle.....98th St. & 3rd Ave.
Constr. Engr.
A. B. Williams.....621 Broadway
Claim Agt.
Thomas Gerehart.....13-21 Park Row
Signal Engr. J. M. Waldron
165 Broadway
M. M. Manhattan Div. H. A. Webster
133d St. & So. Boulevard
Ch. Engr. Geo. H. Pegram
165 Broadway
Engr. Maint. Way,
C. E. Carpenter..... "
Elec. Supt. H. A. Kidder.....621 B'way
Elec. Engr. G. C. Hall..... "
Roadmaster, Fred Heis.....South Ferry

Power sta. equip. (Manhattan Div.) 8 a. c. turbo gen. Westg. tot. 67,500 kw. 11,000 v. 3 ph. 25 cys; 64,000 hp. e. Allis-C; 36,880 hp. b. Bab. & W.

(Subway Div.) 14 a. c. turbo-gen. West. G. E. tot. 105,000 kw. 11,000 v. 3 ph. 25 cys; 67,500 hp. e. Allis-C; 36,000 hp. b. Bab. & W.

Power sta., Manhattan Div., between 74th & 75th Sts. & East River; repair shops, 7th Ave., between 148th & 150th Sts.; 98th St. & 3d Ave.; 159th St. & 8th Ave.; 179th St. & 3d Ave., and 240th St. & B'way.

Power sta. Subway Div., 11th & 12th Ave., between 58th & 59th Sts.

Subway Div., 137.34 miles of track; Manhattan Div., 133.98 miles of track; 4-8½ g; 2,531 motor pass. cars, 1,180 trail pass. cars and 14 other motor cars; 103 other cars.

Dual system: subway and elevated lines for construction jointly by city and company, 98.12 miles, elevated railroad extensions to be constructed by company, 6.70 miles. ★127

680—Manhattan & Queens Trac. Corpn.—Office, 60 Wall Street, New York, N. Y. (Purchased the franchise and physical property of the South Shore Trac. Co. lying within the city of New York. Extends from 59th St. & Second Ave., Manhattan Boro, over Queensboro Bridge, through Woodside, Winfield, Elmhurst, Forest Hills, Kew Gardens to Jamaica, Queens Boro. Also operates local service over Queensboro Bridge, connecting Manhattan Boro. with Long Island City.)
Pres. & Gen. Mgr., W. W. Lowe,
Queens Plaza Court, Long Island City
V. Pres. R. F. Carbutt
60 Wall St., New York
Sec. & Treas. L. G. Coleman.. "
Audr. Fred. H. Adler,
Queens Plaza Court, Long Island City
Supt. E. C. Sherwood... " "
Claim Agt.
Henry Schomber " "
*Pur. Agt., Ch. Engr. & Engr. M. of W.
A. B. Collins.....Long Island City
M. M., A. M. Ballen..... " "

Energy purchased from New York and Queens Elec. Lt. & Pwr. Co.; trolley volt. 675 v.

Repair shop, Buckley St. and Thompson Ave., Long Island City.

Reaches Celtic and Washington Parks.

22 miles; 4-8½ g; 48 motor pass. cars and 9 other motor cars. ★127

681—Mid-Crosstown Railway Co.—Gen. Office, 2396 Third Ave. (Successor to the Twenty-eighth & Twenty-ninth Streets Crosstown R. R. Co. sold at foreclosure.) (Controlled by Third Ave. Ry. Co., which see for executive officers.)
Supt. Owen McDonald....789 Tenth Ave.
Cl. Agt.
John W. Yenson.....2396 Third Ave.
Pur. Agt. Chas. Witzel... " " "
Ch. Engr.
_____ ..... " " "
Supt. Equip.
J. S. McWhirter..65th St. & Third Ave.
Engr. M. of W.
E. M. T. Ryder... " " "

4.190 miles; 4-8½ g; 22 storage battery cars. ★18

682—New York Central R. R. (Elec. Div.)—Office, Grand Central Terminal. (The Harlem div. extends from New York City north to North White Plains; the Hudson div. extends from New York City north to Croton.)
Pres. A. H. Smith..... } Grand
Asst. to Pres. } Central
H. L. Ingersoll..... } Terminal
V. Prests. A. T. Hardin..... "
W. K. Vanderbilt, Jr "
Jno. Carstensen... "
C. F. Daly..... "
Ira A. Place..... "
P. E. Crowley..... "
Sec. D. W. Pardee..... "
Treas. E. L. Rossiter..... "
Gen. Audr. R. A. White..... "
Audr. C. H. Chambers..... "
Gen. Mgr. W. J. Fripp..... "
Asst. Gen. Mgr. T. W. Evans.. "
Gen. Supt. Pass. Transpt.
C. F. Smith..... "
*Gen. Supt. & Term. Mgr.... "
Miles Bronson..... "
Supt. G. H. Wilson..... "
Pur. Agt. W. C. Bower..... "
Gen. Pass. Agt. C. C. Howard.... "
Ch. Engr. G. W. Kittredge.... "
Eng'r'g Asst. to V. Pres.
G. A. Harwood..... "
Ch. Engr. Elec. Trac. E. B. Katte "
Supt. of Pwr. W. G. Carlton.... "
Supt. Elec. Equip. C. H. Quereau "
Div. Engr. F. Boardman..... "
Asst. Term. Mgr. & Signal Engr.
H. S. Balliet..... "
Supvr. of Transm. Edw. Richter, "
Ch. Train Dispr. E. L. Golden "
Claim Agt. J. C. Stineman..... "

Two power stas. equipped with G. E. a. c. generators tot. 60,000 kw. 3 ph. 25 cys; 20,000 hp. b. Bab. & W; 26,800 hp. turb. G. E; trans. volt. 11,000 v; 3rd rail volt. 666 v.

Power stas. (1) Pt. Morris, (2) Glenwood; sub-stas. (1) 50th St., (2) Mott Haven, (3) Kings Bridge, (4) Glenwood, (5) Irvington, (6) Ossining, (7) Botanical Gardens, (8) Tuckahoe, (9) White Plains.

Repair shops, Harmon and No. White Plains.

258.58 miles (third rail); 4-8½ & 4-9 g; 221 motor cars; 73 elec. engines. ★18

683—New York City Interborough Ry. Co.—Office, 2396 Third Ave. (Connects Boroughs of Manhattan and Bronx.) (Controlled by the Third Ave. Ry. Co., which see for executive officers.)
Supt. Beverly W. Reynolds,
218th St. & Broadway
Claim Agt. Wm. A. Eaton,
Boston Road & 176th St.

Pur. Agt. Chas. Witzel...2396 Third Ave.
Elec. Engr. James D. Kent,
176th St. & Boston Rd.
Supt. Equip.
J. S. McWhirter..65th St. & Third Ave.
Engr. M. of W.
E. M. T. Ryder.....2396 Third Ave.
Energy purchased from Third Ave. Ry. Co.
Repair shop at 65th St. & Third Ave.
34.596 miles; 4-8½ g; 73 motor and 2 other cars. 127

684—The New York Connecting R. R. Co.—Office, Pennsylvania Sta., New York City. (Road extends from connection with N.Y.N.H. & H.R.R. at Port Morris, Borough of Bronx, to connection with Long Island R. R. at Fresh Pond Jct., Borough of Queens, New York City, 8.05 miles, with branch from Sunnyside Jct. to connection with Tunnel line of P. R. R. at Sunnyside Yard, Borough of Queens, 0.91 of a mile; total mileage 8.96 miles. Road practically completed. Open for passenger service; freight service to be started early in 1918. Owned jointly by P. R. R. Co. and N. Y. N. H. & H. R. R. Co. and to be operated by latter. Road furnishes all-rail passenger connection between the two systems, and, in conjunction with trackage rights over Long Island R. R. to Bay Ridge and float service between latter point and Greenville, will be substituted for present all-water connection for freight.)

Pres. Samuel Rea .....Philadelphia, Pa.
V. Pres. E. J. Pearson.....Boston, Mass.
Sec. & Treas. Frank E. Haff...New York
Compt. C. M. Bunting..Philadelphia, Pa.
Audr. (of Disbursements),
J. F. Reynolds... ...Philadelphia, Pa.
Engrs. Ch. G. Lindenthal.....New York
A. C. Shand...Philadelphia, Pa.
Asst. Ch. Engr., H. C. Booz " "
Engr. of Bridges,
H. R. Leonard..... " "
Real Estate Agent,
Thos. W. Hulme..... " "
★127

685—New York Railways Co.—Office, 165 Broadway. (Controlled by Interborough-Consolidated Corpn.)

Pres. T. P. Shonts.....165 Broadway
Asst. to Pres. W. L. Pepperman "
V. Pres. & Gen. Mgr.
Frank Hedley..... "
V. Pres. D. W. Ross..... "
Sec. H. M. Fisher.....165 Broadway
Asst. Sec. A. C. Wigren..... "
Treas. J. H. Campbell..... "
Gen. Coun. Richard Reid Rogers "
Gen. Atty.
James L. Quackenbush..... "
Audr. E. F. J. Gaynor..... "
Asst. Audr. Frank Samuelson.. "
Asst. to V. Pres. & Gen. Mgr.
F. T. Wood.....165 Broadway
Gen. Attys. Asst. Danl. W. Patterson 21 Park
Martin E. Burke... Row
Gen. Supt. Transpt. Geo. Keegan.
165 Broadway
Claim Agt., F. D. Edmunds " "
Supt. Transpt.
T. A. Delaney.....775 7th Ave.
Ch. Engr. G. H. Pegram...165 Broadway
Engr. in Chg. of Constr. C. H. Jewett
50 Park Pl.
Engr. Maint. of Way,
R. S. Buck.....165 Broadway
Supt. Mot. Pwr. W. S. Finlay, Jr.
621 Broadway
Supt. Car Equip. J. S. Doyle.
98th St. & Third Ave.
Power sta. equip. 11 a. c. G. E. tot. 38,500 kw. 3 ph. 25 cys; 55,000 hp. e. Allis-C; 21,000 hp. b. Bab. & W; trans. volt. 6600 v; trolley volt. 600 v.
Power station, 96th St. & East River.
Sub-stations: 25th St. & Lexington Ave., 50th St. & Sixth Ave., 146th St. & Lenox Ave., Houston St. & Broadway.
153.595 miles (133.630 undgrd. elec. & 19.965 stor. elec.); 4-8½ g; 1,862 elec. pass. cars, 116 storage battery cars and 128 elec. service cars; 2 trailer service cars and 11 horse service cars. ★127

686—New York, Westchester & Boston Ry.—Office, 180th St. & Morris Park Ave., Bronx. (Consol. of the Westchester Northern R.R. Co. and the N. Y., Westchester & Boston Ry. Co.) (Connects 133d St. (Harlem River), New York City, Mt. Vernon, Pelham, New Rochelle and White Plains.) (Controlled by N. Y., N. H. & H. R. R. Co.)

Pres. Leverett S. Miller
180th St. & Morris Park Av., Bronx
Sec. A. E. Clark.....New Haven, Conn.
Treas. A. S. May..... " "
*Audr. C. L. Nagle.. 180th St. & Morris
Supt. P. W. J. Smith Park Ave., Bronx
Supt of Equip. R. R. Potter
Unionport Rd. & Morris Park Ave., Bronx
Ch. Dispatcher, W. S. Conklin
180th St. and Morris Park Ave., Bronx
Claim Agt. W. A. Cokeley. 180th St. and
Gen. Fgt. & Pass. Agt. Morris Park
F. H. Richtmeyer,..... Ave., Bronx
Asst. Sec. Asst. Treas. & Pur. Agt. George M. Spidell, Jr... "
Ch. Engr. E. J. Langford..... "
Roadmaster, Charles Miller.... "
Power stations, Cos Cob, N. Y., N. H. & H. R. R., and West Farms; trans. volt. 11,000-22,000 v; trolley volt. 11,000 v.
Repair shops, Unionport Road & Morris Park Ave., Bronx.
54.41 miles; 4-8½ g. (ovhd. trolley s. ph.); 45 motor cars, 2 locos., 5 fgt. cars, 5 trailers. (Line constructed and operated as far east as White Plains.) ★127

687 — Pennsylvania Tunnel & Terminal R. R. Co.—Office, Broad St. Sta., Phila., Pa. (Elec. Div. of Penna. R. R. between New Jersey and Long Island City via tunnel under North River, New York City and East River to a point near Harold Ave., Long Island City. Operated by Penna. R. R. Co.)

Pres. Sam'l Rea..... Broad St. Sta., Phila., Pa.
V. Pres. A. J. County..... "
Sec. Lewis Neilson..... "
Asst. Secys R. H. Groff..... "
H. T. Wilkins..... "
J. Taney Willcox..... "
J. W. Marshall
85 Cedar St., New York
Treas. James F. Fahnestock
Broad St. Sta., Phila., Pa.
Cashier, E. B. Broadaway..... "
Asst. Cash's H. C. Lawser..... "
Chas. Riddle..... "
H. T. McDermott..... "
Compt. C. M. Bunting..... "
Deputy Compt. E. A. Stockton "
Asst. " J. S. Donaldson "
Gen. Counsel, Francis I. Gowen "
Asst. Gen. Counsels S. B. Lloyd..... "
H. W. Bickle..... "
H. S. P. Nichols... "
Gen. Solicitor, Geo. S. Patterson "
Asst. Gen. Solicitors G. R. Allen..... "
F. L. Ballard..... "
Ch. Claim Agt. John C. Rose... "
Real Est. Agt. T. W. Hulme.... "
Asst. Real Est. Agt.
W. A. Moncure..... "
Agent Real Est. Dept.
F. A. Von Moschzisker
Penn. Sta., New York
Ch. Engr. A. C. Shand.. Broad St. Sta., Phila., Pa.

Power sta. equip. 7 a. c. W. E tot. 48,000 kw. 11,000 v. 3 ph. 25 & 60 cys; 18,900 hp. b. Bab. & W; 48,000 kw. stm. turb. Westg-Par; trans. volt. 11,000 v; trolley volt. 650 v. d. c.

Power sta., 4th and Front Sts., Long Island City; repair shops, Sunnyside yard.
98.55 miles (third-rail); 4-8½ g; 8 motor cars; 67 elec. locos. (Co. furnishes 11,000 v. 25 cycle energy to Long Island R. R. Co.) ★127

688—Second Ave. R. R. Co.—Office 1874 2d Ave.
Receiver, A. E. Kalbach.....New York
Pres. Geo. S. Coe
5 Nassau St., "
V. Pres. Walter P. Bliss
71 Broadway, "
Sec. & Treas. F. M. Patchen
5 Nassau St., "
*Audr. N. M. Hudson,
Supt. A. Syndstrup..... "
Pur. Agt. Jacob Henshaw..... "
Repair shops, 1874 2d Ave.
24.323 miles elec. and .437 miles horse; 4-8½ g; 275 motor and 4 other cars; 6 sweepers. ★127

689 — Third Ave. Ry. Co. — Office, 2396 Third Ave. (Controls Drydock, E. Broadway & Battery R. R. Co., The 42nd St., Manhattanville & St. Nicholas Ave. Ry. Co., Union Ry. Co., Southern Boulevard R. R. Co., Yonkers R. R. Co., Westchester Elec. R. R., Co., New York City Interborough Ry. Co., Mid-Crosstown Ry. Co., Belt Line Ry. Corpn., Kingsbridge R. R., Bronx Traction Co. and Pelham Park & City Island Ry., Inc.)
Pres. Slaughter W. Huff..2396 Third Ave.
*V. Pres. & Gen. Mgr.
Edward A. Maher, Jr..... "
Sec. Shelton E. Martin..... "
Treas. A. D. Sage..... "
Asst. Sec. & Asst. Treas.
Walter C. Burrows..... "
Act'g Audr. A. E. J. Tovey.... "
Supt. Geo. J. Murphy
65th St. & Third Ave.
Supt. Equip. J. S. McWhirter "
Claim Agt. J. W. Yenson..2396 Third Ave.
Pur. Agt. Charles Witzel..... "
Ch. Engr. —— —— "
Engr. Maint. of Way,
E. M. T. Ryder..... "
Energy purchased from New York Edison Co.; 4 d. c. Westg. tot. 640 kw; 8 a. c. Westg. tot. 24,000 kw. 3 ph. 25 cys; 50,000 hp.e. Westg; 15,000 hp.b. Bab. & W; trans. volt. 6600 v; trolley volt. 575 v.
Repair shop at 65th St. & Third Ave.
35.657 miles; 4-8½ g; 213 motor and 12 other cars. (Co. sells energy.) ★18

690 — Alabama Trac., Lt. & Pwr. Co., Ltd.—Office, 20 Guardian Bldg., Montreal, Can. (Owns the stock of the Alabama Pwr. Co.)
Pres. James Mitchell
120 Broadway, New York
V. Pres. Lawrence Macfarlane
Royal Trust Bldg., Montreal, Que.
*Sec. & Treas.
W. J. Henderson.....Montreal, Que. 18

691—American Cities Co. — Office, 61 B'way and Baronne & Common Sts., New Orleans, La. (Controls the New Orleans (La.) Ry. & Lt. Co., Birmingham (Ala.) Ry., Lt. & Pwr. Co., Memphis (Tenn.) St. Ry. Co., Little Rock (Ark.) Ry. & Elec. Co., Knoxville (Tenn.) Ry. & Lt. Co. and the Houston (Tex.) Ltg. & Pwr. Co. 1905.) (In 1914, The United Gas & Elec. Corpn. acquired a little over 96 p. c. of the common stock.)
Pres. Francis T. Homer.....New York
V. Prests. (Financial) Lee Benoist New Orleans, La.
E. G. Connett.....New York
Sec. & Treas. H. J. Pritchard. "
Asst. Secs. & Asst. Treas. Audr. Chas. B. Murphy "
M. D. Evans..... "
★18

692—American Lt. & Trac. Co.—Office, 120 Broadway, New York. (Holding company and owns practically all of the capital stock of St. Paul (Minn.) Gas Lt. Co., So. St. Paul (Minn.) Gas & Elec. Co., Grand Rapids (Mich.) Gas Lt. Co., St. Joseph (Mo.) Gas Co., Binghamton (N. Y.) Gas Wks., Madison (Wis.) Gas & Elec. Co., Milwaukee (Wis.) Gas Lt. Co., St. Croix (Wis.) Pwr. Co., Wauwatosa (Wis.) Gas Co., W. Allis (Wis.) Gas Co., White Star Coal Co. (Pineville, Ky.), Consol. Gas Co. of N. J. (Long Branch), Detroit (Mich.) City Gas Co., Muskegon (Mich.) Trac. & Ltg. Co., San Antonio (Tex.) Public Service Co. and Southern Lt. & Trac. Co.)
Chmn. Board, Emerson McMillin
New York
Pres. Alanson P. Lathrop..... "
V. Pres. M. McMillin..... "
V. Pres., Sec. & Treas.
C. N. Jelliffe..... "
V. Pres. & Ch. Engr.
H. C. Abell..... "
*Asst. Sec. & Asst. Treas.
W. G. de Berg..... "
Audr. Jas. Lawrence..... "
Counsel, Chas. W. Young..... "
★127

694 — American Water Works & Electric Co., Inc. — Gen. Office, 50 Broad St. Owns either directly or through its subsidiaries—all or a controlling interest of the following companies: Arkansaw Water Co., Birmingham Water Works Co., Butler Water Co., E. St. Louis & Interurban Wtr. Co., City Water Co. of Chattanooga, City of New Castle Water Co., City Water Co. of Marinette, City Water Works Co. of Merrill, Clinton Water Works Co., Connellsville Water Co., Huntington Water Corpn., Joplin Water Works Co., Keokuk Water Works Co., Kokomo Water Works Co., Louisiana Water Co., Mingo Junction Water Co., Missouri Sewerage Co., Monongahela Valley Water Co., Mt Vernon Elec. Lt. & Pwr. Co., Mt. Vernon Water Works Co., Muncie Water Works Co, Portsmouth, Berkley & Suffolk Water Co., Racine Water Co., St. Joseph Water Co., South Pittsburgh Water Co., Middle States Wtr. Wks. Co., Warren Wtr. Co., Wichita Water Co., West Penn Railways Co., and West Penn Traction & Water Power Co.
Pres. H. Hobart Porter.....New York
V. Prests. J. H. Purdy..... "
Sec. Harry E. Towle.. "
Treas. Cecil S. Ashdown..... "
Asst. Sec. W. K. Dunbar..... "
Asst. Treas. John Young..... "
Ch. Engr. Geo. W. Biggs..... "
Supt. of Water Wks.
G. E. Hoffmaster..... "
*Pur. Agt. H. F. Barnard..... "
Gen. Counsel,
Sullivan & Cromwell..... "
★18

694a—W. S. Baratow Management Assn., Inc.—Office, 50 Pine St. (Supervises the management of the subsidiary properties of the Eastern Pwr. & Lt. Corpn. and The General Gas & Elec. Co., as follows: Reading Transit & Lt. Co. (which leases Lebanon Valley St. Ry. and Schuylkill Valley Trac. Co.); Metropolitan Edison Co; Oley Valley Ry. Co; Neversink Mountain Ry. Co; Penna. Utilities Co; Eastern Penna. Pwr. Co; Easton Gas Works; West Va. Traction & Elec. Co; City & Suburban Gas Co; Citv Ry. Co; Claremont Pwr. Co; The Colonial Pwr. & Lt. Co; and Claremont Ry. & Ltg. Co; Rutland Rv. Lt. & Pwr. Co; Western Vt. Pwr. & Lt. Co; Pitteford Pwr. Co; Northwestern Ohio Ry. & Pwr. Co; Port Clinton Elec.

Lt. & Pwr. Co; The New Jersey Pwr. & Lt. Co; Binghamton Lt., Ht. & Pwr. Co; Sayre Elec. Co; Waverly Elec. Lt. Co; The Sandusky Gas & Elec. Co. and Interurban Gas Co.)
Pres. & Gen. Mgr.
E. L. West..... .....New York
V. Pres. Thomas Cheyne..... "
Sec. & Treas.
O. Clement Swenson ..... "
Asst. Sec. W. J. Reast..... "
Pur. Agt. F. C. Rose ..... "
★18

695 — Brunswick Terminal & Railway Securities Co.—Office. 42 Broadway. (Controls Mutual Lt. & Wtr. Co. and City & Suburban Ry. Co. of Brunswick, Ga.)
Pres. Samuel C. Steinhardt New York City
V. Prests. { Wm. Homan.. " "
E. H. Mason..Brunswick, Ga.
*Sec. & Treas.
Joseph L. Berg.....New York City
Gen. Mgr. & Ch. Engr.
A. de Sola Mendes.....Brunswick, Ga.
★127

696 — Cities Service Co.—Office, 60 Wall St. (Controls Alliance (O.) Gas & Pwr. Co; Arkansas Valley Gas Co. Arkansas City, Kans; Athens (Ga.) Ry. & Elec. Co; Bartlesville (Okla.) Gas & Oil Co; Bartlesville (Okla.) Interurban Ry. Co; Berea (O.) Pipe Line Co; Bristol (Va.—Tenn.) Gas & Elec. Co; Brush Elec. Co., Galveston, Texas; Central Ohio Gas & Elec. Co. (Buckeye State Gas & Fuel Co., Columbus Natural Gas Co., Coshocton Gas Co., Mansfield Gas Lt. Co., Mansfield Elec. Lt. & Pwr. Co. and Medina Gas and Fuel Co.; Cities Fuel & Pwr. Co. (Amer. Pipe Line Co. Kansas, Franklin County Pipe Line Co. Kansas, Glenwood Nat. Gas Co. Ltd. Ontario, Manufacturers Nat. Gas. Co. Ltd., Ontario and Sentinel Oil & Gas Co. Kansas); City Lt & Trac. Co., Sedalia, Mo; City Lt. & Wtr. Co., Amarillo, Texas; Crew Levick Co. Phila., Pa; Cumberland (Md.) & Westernport Elec. Ry. Co; Danbury (Conn.) & Bethel Gas & Elec. Lt. Co; Denver (Colo.) Gas & Elec. Lt. Co; Dominion Gas Co. (Beaver Oil & Gas Co., Ltd., Brantford Gas Co., Dominion Natural Gas Co. Ltd., Ingersoll Gas Lt. Co., United Gas Cos., Ltd., and Woodstock Gas Lt. Co.); Durham (N. C.) Trac. Co; Electric Bond Deposit Co; Empire District Elec. Co. (Carthage Gas Co. Empire Dist. Elec Co. of Okla., and Webb City & Carterville Gas Co.); Empire Gasoline Co., Kansas and Okla.; Empire Gas & Fuel Company of Del. (Empire Gas & Fuel Co. (Calif.), 59 Osage Oil Co., Indian Territory Ill. Oil Co., Keesage Oil Co., Lewis Oil Co., Midland Oil Co., Midland Oil & Gas Co., Penn Oil Co., Pilgrim Oil Co., Plymouth Oil Co., Puritan Oil Co., Quapaw Gas Co., Steyner Oil Co., Wichita Natural Gas Co. and Wichita Pipe Line Co.); Empire Oil & Gas Co., Kentucky; Empire Petroleum Co., Kansas and Okla.; Empire Refining Co. of Okla. (Empire Pipe Line Co., Empire Refineries, Inc , and Producers Refining Co. of Texas); Fremont (Nebr.) Gas, Elec. Lt. & Pwr. Co; Knoxville (Tenn.) Gas Co; Lebanon (Pa.) Gas & Fuel Co; Lincoln (Nebr.) Gas & Elec. Lt. Co; Lorain County Elec. Co., Elyria, O; Massillon (O.) Elec. & Gas Co; Meridian (Miss.) Lt. & Ry. Co. (Hattiesburg Trac. Co.); Montgomery (Ala.) Lt. & Wtr. Pwr. Co; Pueblo (Colo.) Gas & Fuel Co; Reserve Gas Co., Oklahoma; St. Joseph (Mo.) Ry. Lt. Ht. & Pwr. Co; Salina (Kans.) Lt. Pwr. & Gas Co; Southern Ont. Gas Co., Ltd; Southwestern Okla. Gas & Fuel Co; Spokane (Wash.) Gas & Fuel Co; Standard Asphalt & Refining Co; Summit County Pwr. Co., Denver, Colo; Toledo Trac., Lt. & Pwr. Co. (Toledo Rys. & Lt. Co., Toledo, Ottawa Beach & Nor. Ry. Co., Toledo & Western R. R. Co., Maumee Valley Rys. & Lt. Co., Adrian St. Ry. Co., Toledo Beach Co. and Toledo Casino Co.); Trumbull Public Service Co., Warren, O; United Water, Gas & Elec. Co., Hutchinson, Kans; Venture Gas Co., Morral, O; Washita (Okla.) Gas & Fuel Co; Watauga Pwr. Co., Elizabethton, Tenn; Western Distributing Co., Kansas, and Western Okla. Gas & Fuel Co.)
Pres. Henry L. Doherty...New York City
V. Prests. { E. MacKay Edgar London, Eng.
Frank W. Frueauff New York City
E. H. Johnston "
Thos. I. Carter "
Sec. Paul R. Jones..... "
Treas. Louis F. Musil..... "
Asst. Sec. Carle B. Gilbert. "
Asst. Treasrs. { T. A. Wallace... "
G. G. Brownell. "
★18

697 — Doherty Operating Co.—Office, 60 Wall St. (Operates the properties controlled by the Cities Service Co., as well as the Ozark Pwr. & Wtr. Co. which is controlled by the Electric Bond Deposit Co.)
Pres. Henry L. Doherty....New York City
V. Pres. Frank W. Frueauff "
V. Pres. & Gen. Mgr.
H. H. Scott..... "
Sec. & Treas. Louis F. Musil "
Ch. Engr. Milan R. Bump. "
Pur. Agt. Frank J. Petura "
18

698 — The Eastern Power & Light Corpn.—Office, 25 Nassau St. (Controls the following properties operated under management of W. S. Barstow Management Assn. Inc: Reading Transit & Light Company (which leases the Lebanon Valley St. Ry. and the Schuylkill Valley Trac. Co.); Metropolitan Edison Co; Oley Valley Ry. Co; Neversink Mountain Ry. Co; Penna. Utilities Co; Eastern Penna. Pwr. Co: Easton Gas Wks; West Va. Trac. & Elec. Co; City & Suburban Gas Co; City Ry. Co; Claremont Pwr. Co; The Colonial Pwr. & Lt. Co. and Claremont Ry. & Ltg. Co.)
Chmn. of Bd.
O. B. Wilcox..... 25 Nassau St.
Pres. Jos. B. Taylor.....50 Pine St.
V. Prests. { W. S. Barstow .... "
F. V. Henshaw, 25 Nassau St.
Sec. & Treas. A. P. Taliaferro. "
★18

699 — Electric Bond & Share Co.—Office, 71 Broadway. (Fiscal agent for Carolina Pwr. & Lt. Co., Raleigh, N. C. (which in turn controls Yadkin River Pwr. Co. and the Asheville (N. C.) Pwr. & Lt. Co.); Utah Securities Corpn. (which controls the Utah Pwr. & Lt. Co., which now owns the property formerly owned by the Telluride Pwr. Co. and other property in Utah, Colorado and Idaho, and Utah Lt. & Trac. Co.): American Pwr. & Lt. Co. (which controls Kansas Gas & Elec. Co., Pacific Pwr. & Lt. Co., Portland Gas & Coke Co., Nebraska Pwr. Co. and Southwestern Utilities Corpn.); American Gas & Elec. Co. and its subsidiaries; National Securities Corpn. and its subsidiary, Idaho Pwr. Co. and Lehigh Power Securities Corpn., which controls Lehigh Navigation Elec. Co., Lehigh Valley Transit Co., Northumberland County Gas & Elec. Co., Northern Central Gas Co., Columbia & Mon-

tour Elec. Co. and Hagerstown Lt. & Ht. Co. of Washington County.) (Subsidiary of the General Elec. Co.
Pres. S. Z. Mitchell.....New York
V. Prests. F. A. Farrar..... "
G. E. Claflin..... "
E. K. Hall..... "
E. W. Hill..... "
L. H. Parkhurst... "
Sec. & Asst. Treas. H. M. Francis "
Treas. A. E. Smith..... "
Asst. Sec. & Asst. Treas. E. P. Summerson..... "
Engr. R. J. McClelland..... "
*Statistician E. B. Lee..... "
★18

700 — Federal Lt. & Trac. Co.—Office, 60 Broadway, New York. (Holds controlling interest in Grays Harbor Ry. & Lt. Co.,(Aberdeen,Wash.); Sheridan County Elec. Co. (Sheridan, Wyo.); Rawlins (Wyo.) Elec. Lt. & Fuel Co.; Hobart (Okla) Elec. Co.; Albuquerque (N. M.) Gas & Elec. Co; Las Vegas (N. M.) Lt. & Pwr. Co., (which controls Las Vegas Transit Co.,); Tucson (Ariz.) Gas Elec. Lt. & Pwr. Co., and Tucson Rapid Transit Co.; Springfield Ry. & Lt. Co. (which controls Springfield Traction Co. and Springfield (Mo.) Gas & Elec. Co.); Trinidad (Colo.) Elec. Transm. Ry. & Gas Co; Deming (N. M.) Ice & Elec. Co. and Central Arkansas Ry. & Lt. Corpn., which controls the Hot Springs St. Ry. Co., Hot Springs Wtr. Co., Citizens Elec. Co. and Consumers Gas Co., all of Hot Springs, Ark.)
Pres. E. N. Sanderson, 60 Broadway, New York
1st V. Pres. Francis Blossom.. "
2nd V. Pres. Craig Colgate..... "
Sec. John B. Marsh..... "
*Treas. J. Dunhill..... "
Gen. Supt. & Ch. Engr. C. H. Nichols..... "
★127

701 — The General Gas & Elec. Co.—Office, 50 Pine St. (Controls the following properties operated under management of W. S. Barstow Management Assn. Inc: Rutland (Vt.) Ry., Lt. & Pwr. Co., Pittsford (Vt.) Pwr. Co., Northwestern Ohio Ry. & Pwr. Co., Toledo, O., Port Clinton (O.) Elec. Lt. & Pwr. Co., Sandusky (O.) Gas & Elec. Co., Western Vermont Pwr. & Lt. Co., Fairhaven, Vt., Interurban Gas Co., Nazareth, Pa., New Jersey Pwr. & Lt. Co., Dover, N. J., Sayre (Pa). Electric Co., Waverly (N. Y.) Elec. Light Co. and Binghamton (N. Y.) Lt., Ht. & Pwr. Co.)
Pres. W. S. Barstow.....50 Pine St.
V. Pres. Joseph B. Taylor..... "
Sec. & Treas. O.Clement Swenson "
Asst. Sec. W. J. Reast..... "
★18

702 — Interborough-Consolidated Corpn.—Office, 165 Broadway. (Incorporated as successor to Interborough-Metropolitan Co. and Finance & Holding Corporation.) (Controls the Interborough Rapid Transit Co. and New York Rys. Co.)
Chmn. Bd. & Exec. Comm. August Belmont....43 Exchange Place.
Pres. Theo. P. Shonts.....165 Broadway
V. Pres. H. H. Vreeland.... "
*Sec. H. M. Fisher..... "
Asst. Sec A. C. Wigren.... "
Treas. J. H. Campbell..... "
Asst. Treas. E. F. J. Gaynor..... "
127

702a — Lehigh Power Securities Corpn.—Office, 71 Broadway. (Controls the following properties: Lehigh Navigation Elec. Co., Lehigh Valley Transit Co., Northumberland County Gas & Elec. Co., Northern Central Gas Co., Columbia & Montour Elec. Co. and Hagerstown Lt. & Ht. Co. of Washington County. Under management of Electric Bond & Share Co.)
Pres. S. Z. Mitchell.....New York
V. Prests. G. E. Claflin..... "
Wm. Darbee..... "
E. W. Hill..... "
Sec. & Treas. A. E. Smith..... "
$18

702b—National Utilities Co.—Office, 61 B'way. (Control and are managers of the following companies—Ohio & Western Utilities Co. which controls The Chillicothe (Ohio) Elec. R. R. Lt. & Pwr. Co. and Ft. Scott & Nevada (Mo.) Lt., Ht., Wtr. & Pwr. Co: Ohio Utilities Co. which controls Hillsboro Ice & Coal Co; Eastern States Public Service Co. which controls New Jersey Gas & Elec. Co. (Dover), Newton Elec. & Gas Co. and Lambertville Public Service Co; also manages Port Arthur (Texas) Gas & Pwr. Co.)
Pres. Harry B. Ivers.....Boston, Mass.
*V. Pres., Gen. Mgr. & Ch. Engr. Arthur S. Ives.....New York
Sec. & Audr. R. Buchanan, Jr. "
Treas. Rolland Davidson..... "
★18

703—The North American Co.—30 Broad St. (Controls or is interested in Union Elec. Lt. & Pwr. Co., United Rys. Co. of St. Louis, St. Louis County Gas Co., St. Louis, Mo. Am. Lt. & Pwr. Co., (St. Charles, Mo.). Detroit (Mich.) Edison Co. West Ky. Coal Co. (Sturgis, Ky.) and The Wisconsin Edison Co., Inc., New York, N. Y., (which controls the Milwaukee Elec. Ry. & Lt. Co., Milwaukee Lt., Ht. & Trac. Co., Wisconsin Gas & Elec. Co., North Milwaukee Lt. & Pwr. Co., Wells Pwr. Co. and Wisconsin General Ry.,all of Wis.) Also controls The Arrow Engrg. Co., Inc. and Commercial Telephone Co.)
Chmn. Bd. & Treas. George R. Sheldon.....New York
Pres. Jas. D. Mortimer..... "
Asst. to Pres. Edwin Gruhl.... "
V. Pres. Henry H. Pierce..... "
Sec. & Asst. Treas. J. F. Fogarty "
Asst. Treas. Robt. Sealy..... "
Asst. Secs. *F. H. Piske..... "
Robt. Randall.... "
127

705—Ohio & Western Utilities Co.—Office, 115 Broadway, New York. (Controls Ft. Scott & Nevada Lt., Ht., Wtr. & Pwr. Co. (Nevada, Mo.) and Chillicothe (O.) Elec. R. R. Lt. & Pwr. Co. and in turn is controlled and managed by National Utilities Co., New York.)
Pres. Rolland B. Davidson 61 B'way, New York
V. Pres. R. Buchanan, Jr. " "
Sec. Arthur S. Ives " "
Treas. E. H. Van Wyck " "
★18

706—Pennsylvania Electric Co.—Office, 394 Du Pont Bldg., Wilmington, Del. (Controls through ownership of securities the following: Citizens Lt., Ht. & Pwr. Co. of Pa. (Johnstown); Johnstown (Pa.) Fuel Supply Co: Penn Electric Service Co. (Johnstown and Somerset); Penn Public Service Co. (Clearfield, Pa.) and Centre & Clearfield Ry. Co. (Philipsburg, Pa.)
Pres. H. D. Walbridge 14 Wall St., New York
V. Pres. J. K. Andrews 14 Wall St., New York
Sec. H. S. Brown " " "
Treas. F. E. Hasg " " "
*Asst. Sec. & Asst. Treas. F. W. Gregory " " "
67

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707—Southern Light & Traction Co.—New York office, 120 Broadway. (This corporation was organized under the laws of New Jersey "to hold stocks, bonds and other securities," and is chiefly interested in street railway and electric and gas lighting properties.) (Practically entire capital stock owned by the American Lt. & Trac. Co.)

Pres. Emerson McMillin.....New York
V. Pres. Philip Lehman..... "
Sec. C. N. Jelliffe..... "
Treas. A. P. Lathrop..... "
127

708 — Southwestern Pwr. & Lt. Co.—(Controls Texas Pwr. & Lt. Co., Ft. Worth Pwr. & Lt. Co., El Paso Gas Co., Galveston Gas Co., Paris Transit Co., Wichita Falls Elec. Co., Wichita Falls Wtr. Co., West Texas Elec. Co., Sweetwater Ice & Cold Storage Co., International Elec Co., Eagle Pass Wtr. Co., Hutchinson Gas & Fuel Co. and Newton Gas and Fuel Co.) (Controlled by the Southwestern Utilities Corpn. which in turn is controlled by the American Pwr. & Lt. Co.)

Pres. F. G. Sykes.....New York
V. E. W. Hill..... "
Prests. A. S. Grenier..... "
Sec. & Treas. M. H. Arning... "
Asst. Sec. & Asst. Treas.
W. C. Lang..... "
18

709—The United Gas & Elec. Corpn.—Office, 61 Broadway (Owns all the common stock of the following properties: Houston (Tex.) Gas & Fuel Co.; Consumers' Elec. Lt. & Pwr. Co. (New Orleans, La.); Harrisburg (Pa.) Lt., & Pwr. Co.; Union Gas & Electric Co. (Bloomington, Ill.); United Gas & Elec. Co., of New Jersey; Lancaster (Pa.) County Ry. & Lt. Co; 60 p. c. of the common stock of the International Trac. Co. (Buffalo, N. Y.) and a little over 95 p. c. of the common stock of the American Cities Co.) (The United Gas & Elec. Co. in turn owns all or a majority of the common stock of the following companies: Colorado Springs (Colo.) Lt., Ht. & Pwr. Co.; Elmira (N. Y.) Wtr., Lt. & R. R. Co; Richmond (Ind.) Lt., Ht. & Pwr. Co.; Leavenworth (Kans.) Lt., Ht. & Pwr. Co.; Lockport (N. Y.) Lt., Ht. & Pwr. Co.; Citizens' Gas & Fuel Co. (Terre Haute, Ind.) and Wilkes-Barre (Pa.) Co.) (The Lancaster (Pa.) County Ry. & Lt. Co. controls through ownership of all or a majority of the common stock, the following: Conestoga Trac. Co., Lancaster Gas Lt. & Fuel Co. (which owns a majority of the common stock of the Columbia (Pa.) Gas Co.,) Edison Elec. Co., and the Conestoga Realty Co., all of Lancaster, Pa.) (The International Trac. Co. (Buffalo, N. Y.) owns all of the common stock of the International Ry. Co. (Buffalo, N. Y.) (Also controls The United Gas & Elec. Engrg. Corpn.)

Pres. Edward G. Connette... 61 B'way
V. Prests. Francis T. Homer..40 Wall St.
H. J. Pritchard.....61 B'way
*Sec. & Asst. Treas.
J. A. McKenna..... "
Treas. A. L. Linn, Jr..... "
Asst. Treas.
M. D. Evans..... "
Audr. G. F. Baner..... "
★127

710 — United Gas & Elec. Engrg. Corpn.—Office, 61 Broadway; branch office, 2100 First Ave., Birmingham, Ala. (Acts as consulting, contracting and operating engineers for all classes of public utility properties. Now acting in this capacity for the following companies: Altoona Gas, Lt. & Fuel Co. (Pa.), Citizens' Gas & Fuel Co. (Terre Haute, Ind.), Consumers Elec. Lt. & Pwr. Co. (New Orleans, La.), Harrisburg Lt. & Pwr. Co. (Pa.), Houston Gas & Fuel Co. (Tex.), International Trac. Co. (Buffalo, N. Y.), Lancaster County Ry. & Lt. Co. (Pa.), Little Rock Ry. & Elec. Co. (Ark.), Memphis St. Ry. Co. (Tenn.), Richmond Lt., Ht. & Pwr. Co. (Ind.), Birmingham Ry., Lt. & Pwr. Co. (Ala.), Colorado Springs Lt., Ht. & Pwr. Co. (Colo.), Elmira Wtr., Lt. & R. R. Co. (N. Y.), Houston Ltg. & Pwr. Co. (Tex.), Knoxville Ry. & Lt. Co. (Tenn.) Leavenworth Lt., Ht. & Pwr. Co. (Kans.), Lockport Lt., Ht. & Pwr. Co., (N. Y.), New Orleans Ry. & Lt. Co. (La.), The Wilkes-Barre Co. (Pa.) Union Gas & Elec. Co. (Bloomington, Ill.) and Houston Heights Water & Lt. Assoc. (Tex.) (Controlled by The United Gas & Elec. Corpn.)

Pres. E. G. Connette.....New York
Asst. to Pres. M. D. Evans.... "
V. Prests. J. F. Wessel..... "
J. S. Pevear, Birmingham, Ala.
Francis T. Homer
New York
Sec. & Asst. Treas.
J. A. McKenna..... "
Treas. A. L. Linn, Jr..... "
Asst. Sec.
J. F. Muller, Jr. .....Birmingham, Ala.
Pur. Agt. F. G. Robinson.....New York
Gen. Coml. Mgr.
H. N. McConnell..... "
Asst. Pur. Agt.
J. R. McGivney.....New Orleans, La.
Consltg. Engr. L. J. Hirt.....New York
Engr. Southn. Properties
L. C. Datz.....Birmingham, Ala.
Elec. Engr. J. W. Thomas.....New York
Elec. Engr. Southn. Properties
F. V. Underwood....Birmingham, Ala.
Gas Engr. A. C. Howard.....New York
Gas Engr. Southn. Properties
R. G. Titzel.....Birmingham, Ala.
★127

712 — J. G. White & Co., Inc.—Office, 43-49 Exchange Pl., New York. (Finances electric railways, electric light and power plants, water power, gas and other public utility properties.) (Controls The J. G. White Management Corporation and The J. G. White Engineering Corporation.)

Pres. J. G. White.....New York
V. Prests. Gano Dunn..... "
J. H. Pardee..... "
R. B. Marchant... "
S. B. Steel ..... "
Sec. A. L. De Camp..... "
Treas. — — ..... "
★127

713 — The J. G. White Engineering Corpn.—Office, 43 Exchange Pl. (Engineers and contractors for electric railways, electric light and power plants, water power, gas and other public utility properties. Controlled by J. G. White & Co., Inc.)

Pres. Gano Dunn.....New York
V. Prests. E. G. Williams..... "
A. S. Crane..... "
H. A. Lardner..... "
Sec. C. F. Conn..... "
Treas. C. S. Pinkerton..... "
127

714 — The J. G. White Management Corpn.—Office, 43 Exchange Pl. (Manages and supervises the organization, rehabilitation and operation of all classes of public utility properties. These now under contract include the following holding companies controlling about fifty subsidiary companies: Associated Gas & Electric Co., New York;

Augusta-Aiken Railway & Electric Corpn., Augusta, Ga.; Eastern Pennsylvania Railways Co., Pottsville, Pa.; The Helena (Mont.) Light & Ry. Co.; The Manila Electric Railroad & Lighting Corpn., Manila, P. I.; Ferrocarril Del Pacifico De Nicaragua, Managua, Nicaragua; Thornapple Gas & Electric Co., Hastings, Mich. and Southern Utilities Co., Jacksonville, Fla. Also manages the Poughkeepsie & Wappingers Falls Railway Co., Poughkeepsie, N. Y.; St. Johns Elec. Co., St. Augustine, Fla.; Matanzas-American Sugar Co., Matanzas, Cuba; Cardenas-American Sugar Co., Cardenas, Cuba; Central Sugar Corpn., Salamanca, Cuba; Kentucky Public Service Co., Bowling Green; Cayuga Cement Corp., Portland Point, N. Y., and Philippine Ry. Co., Iloilo, P. I.) (Controlled by J. G. White & Co., Inc.)

Pres. J. H. Pardee.....New York
V. Prests. { Joseph K. Choate.. "
A. L. Mathews .... "
John I. Mange..... "
*Sec. & Treas. T. W. Moffat.. "
★127

715—The Wisconsin Edison Co., Inc.—Office, 30 Broad St. (Controls the Milwaukee Lt., Ht. & Trac. Co., the Milwaukee Elec. Ry. & Lt. Co., the Wisconsin Gas & Elec. Co., the North Milwaukee Lt. & Pwr. Co., Wisconsin General Ry. and Wells Power Co.) (Controlled by The North American Co.)

Pres. J. D. Mortimer,
30 Broad St., New York, N. Y.
Asst. to Pres. Edwin Gruhl
30 Broad St., New York, N. Y.
V. Pres. Henry H. Pierce,
49 Wall St., " "
Sec. J. F. Fogarty..... { 30 Broad St.,
Treas. Geo. R. Sheldon } New York, N. Y.
Asst. { Robt. Sealy..... " "
Treas. { Ferdinand Sherwood " "
Asst. Sec. Robt. Randall..... " "
127

Borough of Queens. 366,426 (1915).

716—The Long Island Consol. Elecl. Cos.—Office, Penna. Sta., New York. (Owns one-half interest in the New York & Long Island Trac. Co. and the Long Island Elec. Ry. Co.)

Pres. Ralph Peters.....New York
V. Pres. C. L. Addison .....New York
Sec. F. E. Haff ..... "
Treas. J. F. Fahnestock..Philadelphia, Pa.
Gen. Audr. A. B. Bierck.....New York
Compt C. M. Bunting..Philadelphia, Pa.
127

717—Long Island Elec. Ry. Co.—Office, 7 Borden Ave., Long Island City. (Connects Brooklyn, Queens, Jamaica and Far Rockaway.) (Controlled by The Long Island Consol. Elecl. Cos. and Interborough Rapid Transit Co.)

Pres. C. L. Addison
Penna. Sta., New York
V. Pres. Gen. Mgr. & Pur. Agt.
W. O. Wood.....Long Island City
Sec. & Treas. F. E. Haff,
Penna. Sta., New York
Gen. Audr. A. B. Bierck,
Penna. Sta., "
Audr. Wm. Hartz.....Long Island City
Supt. J. M. Stoddard.....Jamaica
Claim Agt. A. J. Eaton,
Long Island City
Supt. Equip. J. W. Gerke " "

Energy purchased from The L. I. R. R. Co; trans. volt. 11,000 v; trolley volt. 550 v. Power sta. and repair shop at Jamaica. Reaches Far Rockaway, Belmont Park, and Jamaica Race Track.

25.84 miles; 4-8½ g; 36 motor pass. cars and 8 other motor cars. ★127

718—The Long Island R. R. Co.—Operating and Executive Office, Penna. Sta., New York. (Operates a main line by electricity from Manhattan, at the Pennsylvania Sta. over tracks of the Pennsylvania Tunnel & Terminal Railroad Co. to Harold Avenue, Long Island City, and thence over its own tracks, to Jamaica with the following branches and extensions: line from Harold Avenue into its Long Island City Ferry Terminal; line from Winfield Junction to Port Washington on the north shore, with a diverging line from Whitestone Junction to Whitestone Landing; line from White Pot Junction to Rockaway Park on the south shore; an extension from Jamaica southerly by way of Valley Stream and Far Rockaway to a wye junction with the last mentioned line at Hammels; line from Valley Stream, via Lynbrook, to Long Beach; line from Jamaica eastward through Garden City to Meadowbrook, with a spur near Queens running to Belmont Park and north and south branches at Hempstead Crossing to Mineola and Hempstead respectively; line from Jamaica into the Flatbush Avenue Terminal, Brooklyn; in addition to the aforementioned lines, which are all operated by the third-rail system, there are two pieces of track over which storage battery cars are regularly operated—the branches from Bushwick to Bushwick Junction and from Valley Stream to Mineola via Hempstead Crossing.) (Controls Ocean Elec. Ry. Co., The Glen Cove R. R. Co., The Northport Trac. Co., The Nassau County Ry. Co. and Huntington R. R. Co.) (Controlled by the Penna. R. R. Co.)

Pres. Ralph Peters.....New York
V. Pres. H. Tatnall.....Philadelphia, Pa.
Sec. Frank E. Haff.....New York
Treas. J. F. Fahnestock.....Phila., Pa.
Compt. C. M. Bunting..... "
Gen. Audr. A. B. Bierck.....New York
*Gen. Mgr. J. R. Savage,..... "
Supt. C. D. Baker.....Jamaica
Supt. Trolley Lines
Alvah Seaman.....Far Rockaway
Claim Agt. W. H. Mahler.....New York
Gen. Frt. Agt.
Donald Wilson..... "
Gen. Pass. Agt. H. M. Smith. "
Pur. Agt. H. B. Hodges..... "
Ch. Engr. Elec. Trac.
Geo. Gibbs..... "
Supt. Teleg. & Elect.
L. S. Welle.....New York
Real Estate Agent
H. A. Howarth..... "
Pass. Trainmaster
C. H. Risley, Flatbush Ave. Sta., Br'klyn
Ch. Engr. L. V. Morris.....Jamaica
Engr. M. of W., E. M. Weaver... "
Supt. Mtv. Pwr. G. C Bishop..Morris Park

Energy from Penna. Tunnel & Terminal R. R. Co. trans. volt. 11,000 v. 25 cys; trolley volt. 675 v.

Repair shops, Morris Park.

880.17 miles (of which 218 miles are electrified): 4-8½ g; 554 motor pass. cars and 543 other cars. ★127

719—New York & Queens County Ry. Co.—Office, 7 Borden Ave., Long Island City.

Pres., Gen. Mgr. & Pur. Agt.
W. O. Wood.....Long Island City
V. Pres. W. L. Pepperman
165 Broadway, New York
Sec. H. M Fisher " "
Treas. J. H. Campbell " "
Audr. E. F. J. Gaynor " "
Asst. Audr. Wm. Hartz
Long Island City
Claim Agt. A. J. Eaton.. " "
Supt. Transpt.
S. H. Serena..... " "
Supt. Maint. J. W. Gerke " "
Roadmaster, J. J. Hogan " "

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Energy purchased from Interborough Rapid Transit Co; trans. volt. 11,000 v; trolley volt. 575 v.
Repair shop at Woodside.
Reaches North Beach.
77.15 miles; 4-8½ g; 227 motor pass. cars and 30 other cars; 3 other cars. (335 owned and 275 rented.) ★127

720—Ocean Elec. Ry. Co.— Office, Penna. Sta., New York. (Controlled by The Long Island R. R. Co.) (Connects Far Rockaway with Rockaway Beach, via trackage rights over The Long Island R. R. Co; to Hammels, and from Hammels to Rockaway Park and Belle Harbor by its own line.)
Pres Ralph Peters.....New York
V. Pres. C. L. Addison..... "
Sec. Frank E. Haff..... "
Treas. J. F. Fahnestock Philadelphia, Pa.
Comptroller C. M. Bunting.... "
Gen. Audr. A. B. Bierck.....New York
Gen. Mgr. J. R. Savage..... "
Supt. Alvah Seaman.....Far Rockaway
Gen. Pass. Agt. H. M. Smith...New York
Pur. Agt. H. B. Hodges..... "
Chief Engr. L. V. Morris, Jamaica, N.Y.
Supt. of Teleg. & Elect.
L. S. Wells.....New York
Ch. Engr. Elec. Trac.
George Gibbs..... "
Engr. M. of W., E. M. Weaver
Jamaica, N. Y.
Real Estate Agt. H. A. Howarth
New York
Energy from L. I. R. R. Co.; trolley volt. 675 v.
Repair shop at Morris Park.
8.59 miles owned and leased; 4-8½ g; 24 motor and 3 other cars. ★127

Borough of Richmond. 97,883 (1915).

721—Richmond Light & R. R. Co.—Office, Terminal Bldg., New Brighton, N. Y. (Formerly Staten Island Elec. R. R. Co. Connects Elizabethport, St. George and Bergin Point Ferries and the following towns: Mariners Harbor, Port Richmond, New Brighton, West New Brighton, Tompkinsville, Stapleton, Clifton and South Beach.)
Pres. Clarence W. Huntington
60 Wall St., New York
V. Pres. & Mgr.
R. L. Rand.....New Brighton
Sec., Treas. & Audr.
J. E. Phillips..... "
Supt. of Rys. H. J. Blackham "
Claim Agt. B. G. Eadie..... "
Pur. Agt. J. J. Matheson
61 B'way, New York
*Ch. Engr. W. H. Rudisill..New Brighton
Supt. Distbrn.
Paul Van Wagner..... "
Ch. Engr. Pwr. Sta.
J. C. Falkner..... "
M. M., J. O. Corcoran..... "
Roadmaster Joseph McPhee "
Power sta. equip. 2 d. c. Allis-C tot. 1200 kw; 5 a.c. turbo-gen. G. E.. West tot. 14,000 kw. 2300 v. 3 ph. 60 cys; 1800 hp. e. Allis-C; 6060 hp. b. Bab. & W; trans. volt. 6600 v; trolley volt. 600 v.
Power sta. Livingston, S. I.; repair shops, Brook St. car house, New Brighton.
32 miles; 4-8½ g; 123 motor pass. cars and 10 other motor cars; 4 other cars. (Company does general ltg. and power business.) ★127

722—Southfield Beach R. R. Co.—Office, Terminal Bldg., New Brighton, N. Y. (Connects South Beach and Midland Beach.)
Pres. Clarence W. Huntington
60 Wall St., New York
V. Pres. & Gen. Mgr.
R. L. Rand.....New Brighton
Sec., Treas. & Audr.
J. E. Phillips.....New Brighton
Supt. of Rys. H. J. Blackham "
Pur. Agt. J. J. Matheson
61 Broadway, New York
Ch. Engr. W. H. Rudisill, New Brighton
Energy purchased from Richmond Lt. & R. R. Co; trans. volt. 6600 v; trolley volt. 600 v.
Reaches several beaches.
4 miles; 4-8½ g; Richmond Lt. & R.R. Co.'s cars. ★127

723—Staten Island Midland Ry.—Office, Terminal Bldg., New Brighton, N. Y. (Connects St. George, Tompkinsville, Stapleton, Concord, New Dorp, Midland Beach and Richmond; at St. George connects with ferry for New York.)
Pres. Clarence W. Huntington
60 Wall St., New York
V. Pres. & Gen. Mgr
R. L. Rand.....New Brighton
Sec. A. M. Stillwell..... "
Treas. A. Watson..... "
Audr. J. E. Phillips..... "
Supt. of Rys. H. J. Blackham "
*Claim Agt. B. G. Eadie.... "
Pur. Agt. J. J. Matheson
61 Broadway, New York
Ch. Engr. W. H. Rudisill..New Brighton
Energy purchased from Richmond Lt. & R. R. Co; trans. volt. 6600; trolley volt. 600 v.
28 miles; 4-8½ g; 71 motor cars. ★127

NIAGARA FALLS. 30,445.

(See also No. 1272)

724—Niagara Gorge R. R. Co.—Office, Niagara Falls. (Leases the Lewiston & Youngstown Frontier Ry. Co.) (Connects Niagara Falls, Suspension Bridge, Lewiston, Fort Niagara, Fort Niagara Beach and Youngstown. Connects with the aerial cableway operated by The Niagara Spanish Aerocar Co., Ltd.)
Pres. (Mrs.) Jos. T. Jones.....Buffalo
V. Pres. & Gen. Mgr. Bert L. Jones,
604 Ellicott Sq., Buffalo
Sec. Grosvenor L. Corlies..... "
Treas. Kendall B. Hassard..... "
*Audr. E. H. Buddenhagen. Niagara Falls
Supt. E. E. Nicklis..... "
Gen. Pass. Agt.
John Edbauer..... "
Engrs. White & Gettman. "
Track Foreman, J. Mondia "
Purchases power from Niagara, Lockport & Ontario Pwr. Co. 11,000 v. to sub-sta. at Lewiston; equip. 800 kw. rot. conv. G. E, Westg; trolley volt. 600 v.
Repair shops at Niagara Falls.
Controls Fort Niagara Beach.
22.12 miles; 4-8½ g; 29 motor pass. cars and 42 other cars. (Of this equip. 9 motor and 3 other cars are owned by the Lewiston & Youngstown Frontier Ry. Co.) ★127

724a—Niagara Junction Ry. Co.—(Operates wholly within Niagara Falls and Town of Niagara—switching road only)
Pres. Stacy C. Richmond
Mills Bldg., New York
*V. Pres. & Gen. Mgr.
Philip P. Barton.....Niagara Falls
Sec. F. L. Lovelace..... " "
Treas. W. Paxton Little
Mills Bldg., New York
Supt. J. A. McSweeny.....Niagara Falls
Pur. Agt. C. M. Saxe..... " "
Res. Engr. R. V. Rose..... " "
Energy purchased from Niagara Falls Pwr. Co.: 2300 v. 2 ph. 25 cys; 2 West. transf. tot. 800 kw; 1 rot. conv. West. 750 kw; trolley volt. 600 v.
16.15 miles; 4-8½ g; 3 elec. locos. ★127

NORTHPORT. 2,096.

725—The Northport Traction Co.—Office, Penna. Sta., New York. (Controlled by The Long Island R. R. Co) (Connects Northport and Northport Village.)

Pres. Ralph Peters.....New York
V. Pres. C. L. Addison..... "
Sec. Frank E. Haff..... "
Treas. J. F. Fahnestock.....Philadelphia
Comp. C. M. Bunting..... "
Gen. Andr. A. B. Bierck.....New York
Gen. Mgr. J. R. Savage..... "
Supt. Alvah Seaman.....Far Rockaway
Gen. Pass. Agt. H. M. Smith...New York
Pur. Agt. H. B. Hodges..... "
Ch. Engr. L. V. Morris...Jamaica, N. Y.
Supt. of Teleg. & Elect. L. S. Wells, New York
Ch. Engr. of Elec. Trac., George Gibbs, "
Eng. M. of W. E. M. Weaver, Jamaica, N. Y.
Real Estate Agt. H. A. Howarth, New York

Energy purchased from Long Island Ltg. Co., trolley volt. 575 v.

Repair shop at Morris Park, L. I.

2.74 miles; 4-8½ g; 5 motor cars and 1 other car. ★127

OGDENSBURG. 15,933.

726—Ogdensburg St. Ry. Co.—Office, 1 Ford St.

Pres. F. A. Stoughton.....Potsdam
Sec. & Treas. Paul B. Murphy..... "
*Gen. Mgr. W. B. Voth.....Ogdensburg
Supt. J. Aust..... "

Power sta. equip. 1 d. c. —— 150 kw; 400 hp. e ——; 250 hp. b. ——.

Power sta. corner Lake & River Sts.; repair shops, New York Ave.

10 miles; 4-8½ g: 13 motor pass. cars, 1 trail car, 1 snow plow and 1 sweeper. ★127

OLEAN. 18,000. (1915).

727—Western New York & Penna. Trac. Co.—Office, 142 N. Union St. (Controls Shinglehouse R.R.) (Connects the following: Olean, Portville, Ceres, Little Genesee, Bolivar and Allegany, N.Y. and Bradford, Lewis Run, Clarksdale, Derrick City and Gillmor, Pa. and Knapps Creek, Rock City, Olean, Vandalia, Carrollton, Salamanca and Little Valley, N. Y.)

*Pres. W. R. Page.....Olean
V. Pres. & Treas. Jos. B. Mayer...New York
Sec. J. P. Quigley.....Salamanca
Audr. B. D. Nobles..... Olean
Gen. Mgr. I. W. Miller..... "
Gen. Fgt. & Pass. Agt. & Park Mgr. W. P. Bailey..... "
Div. Supts. { Jno. Wheeler..... "
A. C. Sloan.....Salamanca
Elec. Engr. & M. M. W. K. Page...Olean
Engr. Pwr. Sta. L. D. Cogswell... "

Pwr. sta. equip. 4 a. c. G. E. tot. 1800 kw. 3 ph. 25 cys; 2370 hp. e. (gas) Westg. Snow; trans. volt. 19,100 v; trolley volt. 600 v.

Power sta. at Ceres and repair shops at Olean and 284 Congress St., Bradford.

Owns Riverhurst Park. Controls Rock City Park and reaches Edgewood, Hamilton and Country Clubs.

99.8 miles; 4-8½ g; 55 motor cars, 5 service cars and snow plows: 30 freight cars; 3 other cars. (Has freight and express service.) 67

ONEIDA. 8,317.

728—New York State Rys. (Oneida Lines).—Office, 325-329 Main Street, Utica, N. Y. (Operates by lease the Elec. Div. of the Westshore Ry. between Utica and Syracuse, 44 miles.) (Connects Syracuse, Kirksville, Canastota, Oneida, Clark Mills, New York Mills and Utica.) For executive officers see Rochester.

*Gen. Mgr. B. E. Tilton.....Utica
Gen. Supt. J. E. Duffy..... "
Supt. I. H. McEwen..... "
Claim Agt. J. S. Kubu..... "
Gen. Pass. Agt. C. R. Gowen..... "
Gen. Exp. Agt. F. W. Watts, LaFayette St. & Broadway, "
Audr. J. M. Joel..... "
Pur. Agt. P. J. Honold..... "
Supt. Line & Bldgs. H. G. Throop, Gridley Bldg., Syracuse
Elec. Engr. G. N. Brown " "
Engr. Maint. of Way, H. S. Johnson " "
M. M., F. L. Hinman " "
Supvr. of Schedules M. J. Sarris " "
Roadmaster, R. W. Owens.....Utica

Energy purchased from Adirondack Elec. Pwr. Corp; trans. volt. 60,000 v; third rail 620 v.

Repair shops at Utica Park, Utica, and Wolf St., Syracuse.

117.961 miles operated (12.38 owned), (overhead and 3rd rail); 4-8½ g; 22 pass. cars, 4 service cars, 2 express cars and 3 snow plows. 127

ONEONTA. 10,474 (1914).

(See No. 639.)

OSSINING. 11,480.

729 — Hudson River & Eastern Trac. Co.—Office, Croton Ave. Operates in Ossining.

Pres. O. G. Bennett.....Ossining
V. Pres. Winifield Post..... "
Sec. H. D. Swain..... "
Asst. Sec. J. A. Byrne, 14 Wall St., New York, N. Y.
Treas. & Gen. Mgr. Wilder L. Stratton, Ossining
*Asst. Treas. Frank Southard, Jr..... "

Energy purchased from Northern Westchester Ltg. Co.

2.81 miles; 5 motor cars and 1 other car. 127

OSWEGO. 23,368.

730 — Empire State R. R. Corpn. (Oswego City Div.)—For officers see Syracuse.

Energy purchased from Niagara, Lockport & Ontario Pwr. Co.; trolley volt. 600 v; repair shop at Oswego.

Reaches an amusement park at Oswego Beach.

10.15 miles; 4-8½ g; 23 passenger and 5 other cars. ★18

PATCHOGUE. 3,824.

731—Suffolk Trac. Co.—Office, 230 W. Main St., Patchogue. (Connects Patchogue, Holtsville, Blue Point, Bayport and Sayville; will extend to Pt. Jefferson and Brookhaven.)

Pres. Thos. L. Hughes, 120 Broadway, New York
Sec. & Treas. J. H. Bennington, 85 Clinton St., Brooklyn
*Gen. Mgr. & Ch. Engr. J. C. Brackenridge, 95 Liberty St., New York
Supt. R. A. Newton.....Patchogue

Energy purchased from Patchogue Elec. Lt. Co.; repair shops, Patchogue.

28.97 miles projected; 11.61 miles in operation; 4-8½ g; 4 cars (storage battery). 18

PEEKSKILL. 15,245.

732—Peekskill Lighting & R. R. Co.—Office, 125 Main St., Ossining. (Operates Putnam & Westchester Trac. Co.'s road, Peekskill to Oregon.) (Connects Peekskill with Lake Mohegan, Verplanck Point and Buchanan.)

Pres. F. A. Stratton.....Mt. Vernon
V. Pres., Gen. Mgr. & Pur. Agt.
Stuart Wilder..... "
Sec. B. W. Stillwell..... "
Treas. R. A. Carter,
180 E. 15th St., New York
Asst. Treasrs. { O. G. Bennett...Ossining
*H. D. Swain... "
Asst. Gen. Mgr. I. M. Beatty... "
Supt. Charles Le Clair.....Peekskill
Engr. Pwr. Sta. C. L. Woods... "
Roadmaster, C. J. Stillwell..... "
Power sta. equip. 2 d. c. Westg. tot. 800 kw; 5 a. c. Westg. tot. 525 kw. 2 ph. 60 cys; 1100 hp. e. Westg; 600 hp. b. Big; trolley volt. 550 v.
Power sta., Water St.; repair shop, E. Main St., Peekskill.
Reaches Electric and Shady Lake Parks.
10.64 miles; 4-8½ g; 23 motor and 4 other cars, 2 snow plows. (Company furnishes lighting and power for stationary motors; also owns gas plant.) ★127

733—Putnam & Westchester Trac. Co.—(Connects Peekskill & Oregon.) (Operated by Peekskill Ltg. & R. R. Co.)
Pres. & Asst. Treas. O. G. Bennett, Ossining
V. Pres. W. L. Stratton..... "
Sec. & Treas. H. D. Swain..... "
Gen. Mgr. Stuart Wilder..... "
Asst. Gen. Mgr. I. M. Beatty....Peekskill
Energy and cars furnished under contract with Peekskill Ltg. & R. R. Co.
4.354 miles; 4-8½ g. 127

PENN YAN. 4,597.

734—Penn Yan & Lake Shore Ry.—Office, 115 Elm St. (Successor to Penn Yan, Keuka Park & Branchport Ry. Co.) (Connects Branchport, Bluff Point and Keuka Park with Penn Yan.)
Pres. Geo. E. Tylee, Summer St., Boston, Mass.
V. Pres. Clinton Hurlbutt....Branchport
Sec. Audr. Supt. Claim, Fgt. & Pass. Agt., Pur. Agt. & Park Mgr.
W. J. Tylee.....Penn Yan
Treas. W. H. Tylee
48 Hanover St., Boston, Mass.
*Elec. Engr. & M. M., Carl Ayers R.F.D., Penn Yan
Ch. Engr. Pwr. Sta.,
Jacob Darmsleadt.....Keuka Park
Power sta. equip. 2 d. c. Walker, tot. 300 kw; 500 hp. e. Slater; 500 hp. b. Dillon; trolley volt. 525 v.
Power sta. and repair shop at Park Landing, N. Y.
Owns and controls Electric Park.
10 miles; 4-8½ g; 6 motor pass. cars and 1 other car; 2 elec. locos. ★127

PLATTSBURGH. 11,138.

735—Plattsburgh Traction Co.—Office, 3 Bridge St. (Connects Plattsburgh and Bluff Point, Cliff Haven and Plattsburgh Barracks.)
Pres. E. N. Sanderson, 52 William St., New York
V. Prests. { W. H. Williams, 32 Nassau St., "
F. P. Gutelius.....Albany
H. B. Weatherwax..... "
Asst. to Pres. W. B. Schofield. 32 Nassau St., New York
Sec. & Audr. W. H. Elder.....Albany
Treas. H. F. Atherton..... "
Atty. W. L. Patterson.....Plattsburgh
Asst. to V. Pres. G. H. Parker 32 Nassau St...New York
Compt. W. H. Davies 32 Nassau St., "
Asst. Treas. & Gen. Mgr. H. L. Barber Plattsburgh
Pur. Agt. J. White Sprong .....Albany
Supt. P. F. Geary.....Plattsburgh
Ch. Engr. James. MacMartin.....Albany
Roadmaster, Jas. Bresette....Plattsburgh
Energy purchased from Plattsburgh Lt., Ht. & Pwr. Co; trolley volt. 550 v. Repair shop at Plattsburgh.
7.53 miles; 4-8½ g; 13 motor and 2 other cars. ★127

PORT BYRON. 1,128.

(See Nos. 749 and 750a.)

PORT CHESTER. 12,809.

736—New York & Stamford Ry. Co.—Office, New Haven, Conn. (Owned by the New York, New Haven & Hartford R. R.)
Pres. Howard Elliott..New Haven, Conn.
V. Pres. L. S. Storrs.. " "
Treas. A. S. May..... " "
Asst. Treas. T. F. Paradise " "
Audr. I. A. May..... " "
Gen. Mgr. J. K. Punderford " "
Local Mgr. J. H. Calhoun...Port Chester
Supt. Wm. G. Young..... "
Claim Agt. T. O. Edwards... "
Traffic Agt. V. S. Curtis New Haven, Conn.
Pur. Agt. J. H. Sanford " "
Engr. Pwr. & Equip. P. W. Ripple..... " "
M. M., J. E. S. Cain... " "
Engr. M. of W., W. R. Dunham, Jr... " "
Roadmaster, T. D. McCarthy Port Chester
Energy purchased from N. Y., N. H. & H. R. R.; trans. volt. 11,000 v. 3 ph. 25 cys; 2-500 kw. West. rot. conv. 6 ph. 25 cys; trolley volt. 600 v.
Sub.-sta. and repair shop at Port Chester.
Reaches Rye Beach.
37.417 miles; 4-8½ g; 79 motor pass. cars and 9 other motor cars. ★127

PORT JERVIS. 9,564.

737—Port Jervis Traction Co.—Office, 113 Pike St. (Successor to Port Jervis Elec. Lt., Pwr., Gas & R. R. Co.'s railway business.) (Connects Port Jervis and Sparrow Bush.)
Pres. Geo. H. Stephenson 900 Land Title Bldg., Phila., Pa.
Sec. M. F. Maury..... " "
Treas. Wm. R. Ottey.....Port Jervis
*Supt. Frank Carlow..... "
Energy purchased; trolley volt. 550 v.
Reaches and owns an amusement park.
4 miles; 4-8½ g; 5 motor cars and 1 sweeper. ★127

POUGHKEEPSIE. 27,936.

(See also No. 663.)

738—Poughkeepsie & Wappingers Falls Ry. Co.—Office, 493 Main St. (Successor to Poughkeepsie City & Wappingers Falls Elec. Ry. Co.) (Leases Hospital branch of Central New England R. R. Connects Poughkeepsie and Wappinger Falls.)
Pres. Mrs. Mary M. Hinkley, Poughkeepsie
V.-Pres. Miss Mary Hinkley "
Sec. T. W. Moffatt.....New York, N. Y.
Asst. Sec. & Treas. H. Brown..... " "
Audr. J. A. Nilan.....Poughkeepsie
Oper. Mgrs. J. G. White Management Corpn.....43 Exchange Pl., New York
Local Mgr. Chas. A. Brooks Poughkeepsie
Supt. C. L. Keeler..... "
M. M., A. Mather..... "
Energy purchased from Central Hudson Gas & Elec. Co.: 2-300 kw. rot. conv; trans. volt. 550 v; trolley volt. 600 v; repair shop and car barn, 493 Main St.
18 miles; 4-8½ g; 27 motor cars. 127

RENSSELAER. 10,711.

(See Nos. 621 and 622.)

Google

RIPLEY. 1,000.
(See No. 682.)

ROCHESTER. 218,149.
(See also No. 750a.)

739—Buffalo, Lockport & Rochester Ry. Co.—Address P. O. Box 1010. (Connects Rochester, Spencerport, Adams Basin, Brockport, Holley, Hulberton, Albion, Knowlesville, Medina, Middleport, Gasport and Lockport, and makes direct connection with International Ry. for Niagara Falls and Buffalo.)
Pres. W. O. Morgan
111 B'way, New York
V. Pres. A. S. Muirhead
26 King St. East, Toronto, Ont., Can.
*Sec., Treas., Gen. Mgr. & Pur. Agt. W. W. Foster.....Rochester
Audr. E. C. Wise..... "
Supt. J. D. Nailor..... "
Claim Agt., Gen. Fgt. & Pass. Agt. W. N. Thwing.....Rochester
M. M., J. A. Kunz..... "
Roadmaster H. Snow.....Albion
Supt. Ovhd.
Constr., A. J. Sprague..... "
Energy purchased from Niagara, Lockport & Ontario Pwr. Co. 60,000 v. trans; trolley volt. 600 v.
Repair shop, Gates.
58.20 miles; 4-8½ g; 22 motor and 15 other cars; 2 snow plows. ★127

740—Erie R. R. Co. (Rochester Elec. Div.)—Operates between Rochester, Avon, Geneseo and Mt. Morris, 34 miles.
Supt. J. D. Cummin.....Rochester
Pur. Agt. W. R. Collins,
50 Church St., New York
*Supvr. Elec. Serv. R. C. Thurston.....Avon
Elec. Engr. G. Eisenhauer
Jersey City, N. J.
M. M., G. Thibout.....Avon
Energy from Niagara Falls over the lines of the Niagara, Lockport & Ontario Pwr. Co. Sub sta. at the "y" in Avon with 3-750 kw. 60,000 to 11,000 v. transf. s. ph. system.
Repair shops at Avon.
40 miles; 4-8½ g; 8 motor cars. 127

741—New York State Rys. (Rochester Lines).—Office, 207 State St. (Controls through stock ownership the Rochester Elec. Ry. Co. and Ontario Lt. & Trac. Co.) (Connects Pittsford, Bushnells Basin, Fishers, Victor, Mertensia, Hathaways, Padelfords, Canandaigua, Hopewell, Seneca Castle and Geneva, W. Webster, Webster, Union Hill, Fruitland, Ontario Centre, Ontario, Williamson, E. Williamson, Sodus, Wellington, Sodus Pt., Sea Breeze, Summerville, Windsor Beach and Charlotte.)
Pres. Horace E. Andrews,
Grand Central Terminal, New York
V. Pres. John Carstensen
Grand Central Term., "
Gen. Counsel, Kernan & Kernan....Utica
Sec. J. C. Collins.....Rochester
Treas. M. S. Barger
Grand Central Terminal, New York
*Gen. Mgr. J. F. Hamilton.....Rochester
Asst. to Gen. Mgr. J. W. Hicks..... "
Audr. W. O. Ingle..... "
Supt. Transpt. City Lines E. E. Strong..... "
Supt. Transpt. Interurban Lines, M. D. Kilbride..... "
Claim Agt. R. E. McDougall... "
Gen. Fgt. & Pass. Agt. B. E. Wilson..... "
Supvr. Schedules Herman E. Hicks..... "
Pur. Agt. A. Ogilvie..... "
Ch. Engr. C. L. Cadle..... "
Elec. Engr. F. McVittie..... "
M. M., J. F. Uffert.....Rochester
Engr. M. of W., D. P. Falconer. "
Energy purchased from Rochester Ry. & Lt. Co.; trans. volt. 11,000 & 16,500 v; trolley volt. 575 & 625 v.
Repair shops, Rochester.
Reaches Ontario Beach, Sea Breeze, Sodus Bay and Glen Haven Parks.
251.43 miles; 4-8½ g; 474 motor pass. cars, 25 trail pass. cars and 58 other motor cars; 54 other cars. ★127

742—Rochester & Manitou R. R. Co.—Office, Granite Building.
Pres. H. W. Wedel
209 Powers Bldg., Rochester
1st V. Pres. D. Hyman. Hudson St., Buffalo
2d V. Pres. A. J. Townson
250 Main St., E. Rochester
*Sec. & Treas. K. B. Castle....Rochester
Supt. Pur. Agt. & Engr. Way & Equip. Geo. M. Wegman...Charlotte
Energy purchased from Rochester Ry. & Lt. Co; trolley volt. 550 v. d. c.
Repair shop at Charlotte.
Reaches Manitou Beach Park.
7.25 miles; 4-8½ g; 9 motor and 12 other cars. (Operates only during summer.) 67

ROCKVILLE CENTRE. 2,648. (1915.)
(See No. 649.)

ROME. 20,497.
(See No. 755.)

ROSLYN. 1,251.

743—The New York & North Shore Trac. Co.—Office, Roslyn. (Connects Hicksville, Westbury, Mineola, East Williston, Roslyn, Port Washington, Manhasset, Great Neck, Little Neck, Douglaston, Bayside, Flushing and Whitestone.)
Pres. Geo. A. Stanley.....Roslyn
V. Pres. Benjamin A. Hegeman, Jr.
165 Broadway, New York
*Sec., Gen. Mgr. & Pur. Agt. John G. Moran.....Roslyn
Treas. Geo. F. Schofield,
Schofield Bldg., Cleveland, O.
Supt. Ernest W. Wolf.....Roslyn
Claim Agt. Benjamin R. Duff..... "
Ch. Engr. Pwr. Sta. David Craft.....Douglaston
M. M., Chester A. Kinsey.....Roslyn
Power sta. equip. 4 d.c. Westg. tot. 1200 kw; 2 a. c. Westg. 6600 v. 3 ph. 25 cyc; 3000 hp. e. Westg; 1200 hp. b. Bab. & W; 2000 kw. turb. (stm.) Westg; trans. volt. 6600 v; trolley volt. 600 v.
Power sta., Little Neck Bay (No P. O.); repair shops, Roslyn and Flushing.
38.12 miles; 4-8½ g; 19 motor and 3 other cars. ★127

SARANAC LAKE. 5,500. (1915.)

744—Paul Smith's Elec. Lt. & Pwr. & R. R. Co.—Office, 29 Main St., Saranac Lake. (Connects Clear Lake Junction on N. Y. C. R. R. to Paul Smith's Hotel.)
Pres. & Sec. Paul Smith.....Paul Smith's
Treas. Phelps Smith..... "
Audr. W. J. Richardson.....Saranac Lake
*Gen Mgr. P. A. Gould..... "
Power sta. equip. 3 a. c. G. E. tot. 3000 kw. 2300 v. s. & 2 ph. 60 cyc; 5,000 hp. turb. (wtr.) Risdon, Alcott; trans. volt. 22,500-45,000 v. 3 ph; trolley volt. 5,000 v.
Power stas. Saranac Lake, Franklin Falls and Union Falls.
7.66 miles (s. ph. catenary); 4-8½ g; 1 motor pass. car and 3 other cars. (Does ltg. in Saranac Lake, Paul Smith's, Bloomingdale & Au Sable Forks.) 127

SARATOGA SPRINGS. 12,693.
(See No. 646.)

SCHENECTADY. 95,000 (1914.)

745—Schenectady Ry. Co.—Office, 512 State St., Schenectady. (Connects Warrensburg, Lake George, Glens Falls, Saratoga, Ballston Spa, Ballston Lake, Troy, Albany, Watervliet, Niskayuna, Karner, West Albany and Schenectady.)

Pres. Horace E. Andrews, Grand Cen. Term., New York
V. Pres. F. P. Gutelius.....Albany
Sec. Treas. & Pur. Agt.
J. H. Aitkin.....Schenectady
Gen. Audr. J. C. Collins.....Rochester
*Gen. Mgr. James P. Barnes..Schenectady
Ch. Clerk to Gen. Mgr.
E. F. Kelley..... "
Audr. F. E. Belleville..... "
Supt. Transp. W. S. Hamilton "
Claim Agt. D. F. Linnehan.. "
Gen. Pass. Agt.
C. J. Witherwax..... "
Gen. Exp. Agt.
Frank Walsh..... "
Supt. Pwr. F. Palmatier..... "
M. M., F. J. Doyle..... "
Engr. M. of W., B. Penoyer.. "
Supt. Ovhd. Constr. L. Trudeau "
Roadmaster, A. J. Crane.... "

Energy purchased from General Electric Co.; 10,000 v. trans; trolley volt. 600 v.

Repair shop, Church & Fuller Sts.

Owns Brandywine Park, Schenectady, and Forest Park on Ballston Lake.

139.67 miles; 4-8½ g; 201 motor and 33 other cars. ★127

SEA CLIFF, L. I. 1,694.

746—The Nassau County Ry. Co.—Office, Penna. Sta., New York. (Extends from Sea Cliff R. R. Sta. to Prospect Ave., Sea Cliff.) (Controlled by The Long Island R. R. Co.)

Pres. Ralph Peters.....New York
V. Pres. C. L. Addison..... "
Sec Frank E. Haff..... "
Treas. J. F. Fahnestock.....Phila., Pa
Compt. C. M. Bunting..... " "
Gen. Audr. A. B. Bierck.....New York
Gen. Mgr. J. R. Savage..... "
Supt Alvah Seaman.....Far Rockaway
Gen. Pass. Agt. H. M. Smith...New York
Pur. Agt. H. B. Hodges..... "
Ch. Engr. L. V. Morris.....Jamaica
Supt. Teleg. & Elect.
L. S. Wells.....New York
Ch. Engr. Elec. Trac.
George Gibbs..... "
Engr. M. of W., E. M. Weaver...Jamaica
Real Estate Agt.
H. A. Howarth.....New York

Energy from The L. I. R. R. Co.; trolley volt. 2200 v.

1.60 miles; 4-8½ g; 3 motor cars. ★127

SENECA FALLS. 6,588.

747—Geneva, Seneca Falls & Auburn R. R. Co., Inc.—Office, Waterloo. (Connects Geneva, Waterloo and Seneca Falls.)

Pres. R. R. Quay
1423 Farmers Bk. Bldg., Pittsburg, Pa.
V. Pres. Murray Gibson..Philadelphia, Pa.
Sec. L. G. Hoskins. .....Geneva
*Treas., Supt. Claim & Pur. Agt.
W. A. Shirley.....Waterloo
Audr. Thos. H. Werry, Jr.
1422 Farmers Bk. Bldg., Pittsburg, Pa.
Asst. Supt. & Elec. Engr.
C. D. Skuse.....Waterloo
M. M., John Jensen .....Waterloo
Roadmaster, M. Dolan..... "

Energy purchased from Central New York Gas & Elec. Co; trolley volt. 600 v.

Repair shops at Waterloo.

Owns and operates Cayuga Lake Park.

17.489 miles; 4-8½ g; 10 motor and 4 other cars. 127

STAPLETON, S. I.

See Borough of Richmond, New York City.

SYRACUSE. 137,349.

(See also No. 623a.)

749—Empire State R. R. Corpn.—Office, Lakeland nr. Syracuse. (Incorporated to take over part of the Empire United Railways, Inc., sold under foreclosure. Comprises the Syracuse, Lake Shore & Northern and Auburn & Northern lines. Operates an interurban line connecting Syracuse, Baldwinsville, Phoenix, Fulton, Minetto and Oswego (37.8 miles), city lines in Fulton (0.6 miles), city lines in Oswego (10.15 miles), interurban line connecting Auburn and Port Byron (7.62 miles) and city lines in Auburn (1.42 miles), making a total route mileage of 57.59.

Pres. H. S. Holden.....Syracuse
*V. Pres. & Gen. Mgr.
J. C. Nelson..... "
Sec. & Comptr.
S. C. Stivers..115 Broadway, New York
Treas. & Pur. Agt.
H. J. Clark.....Syracuse
Audr. J. H. Yoder..... "
Asst. Sec. H. C. Beatty..... "
Asst. Treas. J. M. Hyland..... "
Supt. W. H. Sheehan..... "
Claim Agt. N. Abelson..... "
Gen. Fgt. & Pass. Agt.
R. E. A. Pitman..... "
M. M., A. B. Metcalfe..... "

Energy purchased from Niagara, Lockport & Ontario Pwr. Co; trans. volt. 33,000 v; trolley volt. 650 v.

Four substations having a total cap. of 2900 kw. supply the Syracuse-Oswego, Fulton and Oswego City Divisions; Auburn-Port Byron Div. is supplied through substation of N., L. & O. Pwr. Co.

Repair shops at Lakeland (near Syracuse).

Reaches Long Branch, Syracuse.

83.92 miles (overhead single trolley and catenary); 4-8½ g; 33 interurban pass. cars and 23 city pass. cars; 4 express, 2 work, 4 snow plows, 2 sweepers and 6 miscellaneous cars; of this equip. 56 pass., 10 express, work and combination cars and snow plows and sweepers have electrical equipment. ★18

750—New York State Rys. (Syracuse Lines).—Office, Gridley Bldg. (Operates the East Side Traction Co.) (Connects Syracuse, East Syracuse, Minoa, Liverpool, Solvay & Rockwell Springs.)

For executive officers see Rochester.

Gen. Mgr. B. E. Tilton.....Syracuse
Gen. Supt J. E. Duffy..... "
Supt. Wm. E. Holstock ..... "
Supt. of Transpt. F. R. Latta.. "
Claim Agt. A. D. Brown..... "
Gen. Pass. Agt. C. R. Gowen... "
Gen. Exp. Agt. F. W. Watts Lafayette St. & Broadway, Utica
Audr. J. M. Joel.....325 Main St., "
Pur. Agt. P. J. Honold.....Syracuse
Supt. of Lines & Bldgs.
H. G. Throop..... "
Supt. (North Div.)
Adam J. Oot..... "
Elec. Engr. G. N. Brown..... "
M. M., F. L. Hinman Wolf St. Shop, "
Supvr. of Schedules M. J. Sargis "
Engr. Maint. of Way,
E. P. Roundey..... "
Roadmaster, J. T. Hogan..... "

Energy purchased from the Niagara Lockport & Ontario Pwr. Co; trans. volt. 60,000-11,000 v; 1000 kw. rot. conv; trolley volt. 620 v.

Sub-sta. at Tracy & Townsend Sts; repair shop at Wolf & 5th North Sts.

95.63 miles; 4-8½ g; 238 motor pass. cars and 5 other motor cars; 15 service cars, 12 snow plows and 1 express car. ★127

750a—Rochester & Syracuse R. R. Co., Inc.—P. O. Box 51, Syracuse. (Incorporated as successor to Rochester, Syracuse & Eastern R. R., formerly part of the system of the Empire United Railways, Inc., sold under foreclosure. Connects Rochester, E. Rochester, Fairport, Egypt, Macedon, Palmyra, Port Gibson, Newark, Lyons, Lock Berlin, Clyde, Savannah, Montezuma, Port Byron, Weedsport, Jordan, Memphis, Warner, Amboy, Belle Isle and Syracuse.) (Under management of Allen & Peck, Inc.)

Pres. A. W. Loasby.....Syracuse
*V. Pres. & Gen. Mgr.
T. C. Cherry..... "
Sec. M. V. White..... "
Audr.-Treas. W. K. Zinsmeister.. "
Supt. A. P. Norris.....Newark
Claim Agt. R. S. Messenger....Syracuse
Gen. Fgt. & Pass. Agt.
H. C. Stanton..... "
Pur. Agt. John H. Hickey.....Newark
Ch. Engr. D. E. Crouse..... "
Gen. Shop Frmn. C. Fleck..... "

Energy purchased from Niagara Lockport & Ontario Pwr. Co.; trans. volt. 33,000 v. 25 cys; 17 rot. conv. West. tot. 7750 kw; trolley volt 550 v.

Repair shops at Newark.

158.52 miles; 4-8½ g: 20 motor pass. cars and 1 other motor car; 3 trail pass. cars; 14 other cars. ★18

751—Syracuse & Northern Elec. Ry., Inc.—Offices 505 Vinney Bldg. (Acquired the properties of Syracuse & South Bay Elec. R. R. Co. and Syracuse, Watertown & St. Lawrence River R. R. Co.) (Connects Syracuse, No. Syracuse, South Bay, Cicero and Brewerton.) (Under management of Allen & Peck, Inc.)

Pres. C. Loomis Allen
504 Vinney Bldg., Syracuse
Sec. H. C. Beatty
500 O. C. S. B. Bldg. "
Treas. & Gen. Mgr.
W. J. Harvie..... "
Audr. G. W. Avery..... "
Supt. H. D. Gros.....North "
Claim Agt. E. J. Edgcomb
500 O. C. S. B. Bldg. "

Energy purchased Niagara, Lockport & Ontario Pwr. Co; trans. 33,000 v; trolley volt. 600 v.

Repair shops at No. Syracuse.

Owns 300 acres of lake frontage at South Bay (through ownership of the Oneida Lake Terminal Co.) and amusement grounds, on Frenchman's and Dunham's Islands at Oneida Lake.

32.91 miles; 4-8½ g; 10 motor pass. cars and 4 trail pass. cars; 3 other cars. ★127

752—Syracuse & Suburban R. R. Co.—Office, 505 Vinney Bldg., Syracuse. (Connects Syracuse, Orville, Fayetteville, Manlius and Edwards Falls; branch also to Jamesville.) (Under management of Allen & Peck, Inc.)

Pres. & Gen. Mgr. W. J. Barvie
505 Vinney Bldg., Syracuse
V. Prests. { Wm. P. Gannon, O. C. S. Bk. Bldg., " ; C. Loomis Allen 504 Vinney Bldg.. "
Sec. & Claim Agt. W. H. Michell O. C. S. Bk. Bldg., "
Treas. A. C. Fobes Gurney Bldg., "
*Audr. G. W. Avery 505 Vinney Bldg., "
Supt. H. A. Abbe " "

Power sta. equip. 2 d. c. G. E. tot. 350 kw; 500 hp. turb. (wtr.) Leffel; trolley volt. 600 v.

Power sta. (water) and repair shop at Edwards Falls (No P. O.).

Owns amusement parks at Edward Falls and Jamesville.

18.52 miles; 4-8½ g; 25 motor cars, 1 other car. 127

753—Allen & Peck, Inc.—Office 504 Vinney Bldg., and 601 Maryland Trust Bldg., Baltimore, Md. (Operates Maryland Elec. Rys., Annapolis; Auburn & Syracuse Elec. R. R. Co., Auburn, N. Y; Rochester & Syracuse R. R. Inc.; Syracuse & Suburban R. R. Co., Syracuse, N. Y., and Newport News & Hampton Ry., Gas & Elec. Co., Hampton, Va.)

Pres. C. Loomis Allen.....Syracuse
V. Prests. { Treas. Edward F. Peck Hampton, Va. ; J. N. Shannahan " ; T. C. Cherry.....Syracuse
*Sec. Milford Badgero..... "
★127

TROY. 76,813.

(See also No. 622.)

754—Troy & New England Ry. Co.—Office, 598 B'way, Albany. (Connects Albia, West Sand Lake and Averill Park.)

Pres. L. F. Loree
32 Nassau St., New York
V. Prests. { W. H. Williams 32 Nassau St, New York ; F. P. Gutelius.....Albany ; H. B. Weatherwax.... " ; Asst. to Pres. W. B. Schofield 32 Nassau St., New York
Sec. & Audr. W. H. Elder.....Albany
Treas. H. F. Atherton..... "
Asst. to V. Pres.
G. H. Parker..32 Nassau St., New York
Compt.
W. H. Davies.. " "
Actg. Gen. Mgr. A. E. Reynolds..Albany
Supt. A. S. Crable.....Albia, Troy
Ch. Engr. Jas. MacMartin..... Albany
Engr. Pwr. & Lines, C. E. Fasoldt "
Engr. M. of W., A. C. Brennan... "
M. M., Ernest Murphy.. .....Albany
Atty. John MacLean..... "
Pur. Agt. J. White Sprong..... "

Purchases energy from United Trac. Co; 2 d. c. Westg. tot. 300 kw; 500 hp. e. Westg; 525 hp. b. Man.

Power sta. West Sand Lake; repair shop at Albia.

Reaches Averill Park.

9.146 miles; 4-8½ g; 10 motor and 12 other cars. ★127

UTICA. 74,419.

(See also No. 728.)

755—New York State Rys. (Utica Lines). — Office, 325-329 Main St., (This company is a consolidation by purchase and merger of the Utica Belt Line St. R. R., Utica Suburban Ry., Utica & Mohawk R. R., Deerfield & Utica R. R., Frankfort & Utica St. Ry., and Herkimer, Mohawk, Ilion & Frankfort Elec. Ry., and Rome City St. Ry. Co.) (Connects Rome, Oriskany, Whitesboro, New York Mills, Yorkville, Utica, New Hartford, Capron, Clinton, Frankfort, Ilion, Mohawk, Herkimer and Little Falls.) For executive officers see Rochester.

Gen. Mgr. B. E. Tilton.....Utica
Gen. Supt. J. E. Duffy..... "
Supt. Transp. Int. Lines & Elec. Engr.
Geo. N. Brown..... "
Claim Agt. J. S. Knbu..... "
Gen. Pass. Agt. C. R. Gowen..... "
Gen. Fgt. Agt. F. W. Watts
Lafayette St. & Broadway, "
Audr. J. M. Joel..... "
Pur. Agt. P. J. Honold..... "
Engr. Maint. of Way,
H. S. Johnson..... "
Supt. Lines & Bldgs. H. G. Throop Gridley Bldg., Syracuse
Supvr. of Schedules, M. J. Sargis " "

M. M., J. R. Ayers.....Utica
Roadmaster, R. W. Owens..... "
Energy purchased from Adirondack Elec. Power Corpn ; trans. volt. 17,500 v; trolley volt. 600 v.
Repair shop, Utica Park.
Owns Summit Park and Utica Park (leased).
180.16 miles; 4-8½ g; 178 motor pass. cars, 6 trail pass. cars, 7 express cars, 8 snow plows, 5 sweepers and 15 other cars. ★127

WARRENSBURG, 1,189.
(See No. 646.)

WATERLOO. 8,931.
(See No. 747.)

WATERTOWN. 26,780.

756—Black River Traction Co.—Office, 753 W. Main St. (Connects Watertown, Glen Park, Brownville and Dexter.)
Pres. Geo. Krementz.....Newark, N. J.
V. Pres. Frank Lebkuecher "
Sec. Delos M. Cosgrove.....Watertown
Treas. Richard Krementz..Newark, N.J.
*Gen. Mgr., & Pur. Agt.
L. Schwerzmann.....Watertown
Power sta. equip. 8 d. c. Eager tot. 900 kw; 300 hp. e. Straight; 300 hp. b. Fitz; trolley volt. 550 v.
Power sta. and repair shop at Watertown.
12.6 miles; 4-8½ g; 13 motor and 3 other cars, 2 sweepers. 127

WATKINS. 2,817.
(See No. 643.)

WAVERLY. 4,855.
(See also No. 642.)

757 — Waverly, Sayre & Athens Traction Co.—Office, Waverly. (Connects Waverly, N.Y., and Sayre, Athens, and So. Waverly, Pa.)
Pres. G. Tracy Rogers .....Binghamton
V. Pres. J. H. Murray.....Waverly
Secy. & Treas.
H. Tracy Rogers.....Binghamton
Supt. & Pur. Agt. W. E. Case..Waverly
Claim Agt. E. L. Pickley..... "
M. M.. L. H. Vaught..... "
Roadmaster, D. J. Spillane..... "
Purchases energy from Sayre Elec. Co.
Repair shop at Sayre, Pa.
Reaches Keystone Park (operated by Interstate Amusement Co.)
11.92 miles; 4-8½ g; 20 motor and 3 other cars. 127

WEEDSPORT. 1,454.
(See No. 750a.)

WESTFIELD. 2,965.
(See Nos. 632, 655 and 657.)

WHITE PLAINS. 15,949.

758—Shore Line Elec. R. R. Co.—(Purchased the part of the Tarrytown, White Plains and Mamaroneck Ry. Co., from the intersection of Mamaroneck Ave. and Boston Post Road in the village of Mamaroneck, south on the Boston Post Road to the northeastern limits of Larchmont.) (Leased to and operated by the Westchester Street R. R. Co. of White Plains.)
Pres. E. G. Buckland, New Haven, Conn.
V. Pres. J. M. Tomlinson " "
Sec. A. E. Clark..... " "
Treas. A. S. May..... " "
Audr. I. A. May..... " "
1.466 miles; 4-8½ g. 127

759—Westchester Street R. R. Co. of White Plains.—Office, 70 Central Ave. and 199 Church St., New Haven, Conn. (Connects Mt. Vernon, Tarrytown, Mamaroneck, Silver Lake, Rosedale, Elmsford, Tuckahoe, Bronxville, White Plains and Scarsdale.) (Leases and operates Shore Line Electric Railroad Co.) (Controlled by N. Y., N. H. & H. R. R. Co.)
Pres Howard Elliott..New Haven, Conn.
V. Pres. L. S Storrs.. " "
Sec. A. E. Clark..... " "
Treas. A. S. May..... " "
Audr I. A. May..... " "
Gen. Mgr. J. K. Punderford " "
Mgr. J. H. Calhoun.....White Plains
Claim Agt. F. E. Lyons.... "
Pur. Agt. J. H. Sanford, New Haven, Conn.
Traffic Agt. V. S. Curtis " "
Engr. W. R. Dunham, Jr. " "
Engr. Pwr. & Equip. " "
P. W. Ripple..... " "
M. M. Frank Murray.....White Plains
Roadmaster, S. M. Berrian.. "
Sub-sta. equip. 3 rot. conv. Westg. tot. 1200 kw. 6 ph. 25 cys.
Energy purchased from N.Y. C. & H. R. R. Co.; trans. volt. 11,000 v. 3 ph. 25 cys; trolley volt. 600 v; sub-sta. and repair shop, White Plains.
29.557 miles; 4-8½ g; 31 motor pass. cars and 7 other motor cars. ★127

WILLIAMSVILLE. 1,105.

760 — Buffalo & Williamsville Elec. Ry. Co.—Office, Main St. (Connects Buffalo and Williamsville.)
Pres. L. L. Lewis., Jr.....Buffalo
*V. Pres. & Gen. Mgr. L. L. Grove Williamsville
Sec. Godfrey Morgan.....Buffalo
Treas. L. K. Warnick.....Williamsville
Supt. C. E. Sumers..... "
Power sta. equip. 2 d. c. G. E. tot. 400 kw; 1 a. c. G. E. 150 kw. 600 v. 3 ph. 25 cys; Cor. (stm.) eng: 200 hp. b.; energy also from Niagara Falls; trans. volt. 10,500-11,500 v; trolley volt. 600 v.
Power sta. and repair shops at Williamsville.
6.65 miles; 4-8½ g; 8 motor cars. 127

YONKERS. 79,803.

761—Yonkers R. R. Co.—Office, Main St. & Buena Vista Ave., Yonkers. (Connects N. Y. City Subway and Elevated R. R. Terminal, Mt. Vernon, Tuckahoe and Hastings.) (Controlled by the Third Ave. Ry. Co.)
Pres. Slaughter W. Huff
2896 Third Ave., New York
V. Pres. & Gen. Mgr.
Leslie Sutherland.....Yonkers
Sec. Shelton E. Martin } 2896 Third Ave., New York
Asst. Sec. Walter C. Burrows }
Treas. A. D. Sage.....
Actg. Audr.
A. E. J. Tovey..... " "
Claim Agt. L. F. Crumb.....Yonkers
Supt. P. J. Donovan..... "
Pur. Agt. Chas. Witzel,
2896 Third Ave , New York
Engr. M. of W.. E. M. T. Ryder " "
Elec. Engr. & Engr. of Ovhd.
J. D. Kent, 176th St. & Boston Rd., New York
Purchases energy from Third Ave. Ry. Co.: trans. volt. 6600 v; trolley volt. 600 v.
Sub-sta. equip. 4 rot. conv. tot. 2500 kw.
Repair shops at Bronx River Road, Yonkers.
42.26 miles; 4-8½ g; 147 pass. and 14 other cars. ★127

YOUNGSTOWN. 570.
(See No. 724)

NORTH CAROLINA.

ASHEVILLE, 18,762.

762—Asheville & East Tennessee R. R.—Office, Asheville.

Pres. A. S. Guerard..... .....Asheville
V. Pres. & Gen. Mgr.
Stanley Howland..... "
*Sec. G. W. Epps..... "
Treas. Reginald Howland..... "
Energy from No. Car. Elec'l Pwr. Co.; repair shops, Newbridge.
Reaches park in Weaverville.
8.7 miles; 4-8½ g; 3 motor pass. cars and 2 other cars. ★127

763—Asheville Power & Light Co. (Successor to Asheville Elec. Co.)—Office, Patton Ave., Asheville. (Connects Asheville, West Asheville & Biltmore.) (Controlled by Carolina Pwr. & Lt. Co., for which the Electric Bond & Share Co. is fiscal agent.)
Pres. Charles E. Johnson.....Raleigh
V. Prests. D. F. McGee.....New York
Gen. Mgr. & Pur. Agt.
H. W. Plummer...Asheville
Wm. Darbee..New York, N.Y.
H. H. Carr.....Raleigh
Secs. & Treas. E. P. Summerson
71 Broadway, New York, N.Y.
Audr. B. M. Jones.....Asheville
Roadmaster, O. W. Cooper..... "
Purchases energy from North Carolina Electrical Pwr. Co.; trans. volt. 6600 v; trolley volt. 550 v.
Owns and controls Riverside Park.
19.2 miles; 4-8½ g; 47 motor cars. (Co. does general lighting, power and gas business.) ★18

BURLINGTON. 4,808.

764—Alamance Ry. Co.—Office, Burlington. (Purchased the ry. property of the Piedmont Ry. & Elec. Co.) (Connects Burlington, Graham and Haw River.)
*Pres. J. H. Bridgers.....Burlington
V. Pres., Supt. & Pur. Agt.
G. W. Hatch..... "
Sec. & Elec. Engr. F. E. Coxe "
Energy purchased from Piedmont Pwr. & Lt. Co., trolley volt 600 v.
Repair shop at Burlington.
Owns 35 acres and Casino.
8.3 miles; 4-8½ g; 11 motor pass. cars and 6 trail pass. cars. ★127

CHARLOTTE. 34,014.

765—Piedmont & Northern Ry. Co.—Gen. Office, Charlotte. (Merger of Piedmont Traction Co., operating between Charlotte, Mt. Holly, Lowell, Pinoca, Paw Creek, McAdenville and Gastonia, N. C., and the Greenville, Spartanburg & Anderson Ry. Co., operating between Spartanburg, Greenville, Piedmont, Pelzer, Belton, Anderson, Honea Path, Williamstown, Donalds, Greer and Greenwood, S. C.)
Pres. J. B. Duke
511-5th Ave., New York, N.Y.
V. Prests. W. S. Lee .....Charlotte
*Gen. Mgr. & Pur. Agt.
E. Thomason..... "
Sec. N. A. Cocke..... "
Treas. & Audr. T. L. Black..... "
Traffic Mgr. C. S. Allen..Greenville, S. C.
Claim Agt R. M. Coffee.....Charlotte
Elec. Engr. E. F. Taylor..... "
Supt. Mot. Pwr. A. D. Frye
Greenville, S. C.
M. M., S. T. Gantt..... " "
Energy purchased from Southern Pwr. Co. at 100.000 v.; 11 d. c. West. tot. 5500 kw; 3 a. c. West. tot. 250 kw. 3 ph. 60 cys.; trans. volt. 44,000 v; trolley volt. 1500 v. d. c.
Sub-stas. at Gastonia and Hoskins, N.C. and Dows, Belton, Anderson and Greenville, S. C.: repair shops, Pinoca, N. C. and Greenville, S. C.
Reaches Mt. Holly (owned) and Riverside Park.
124 miles; 4-8½ g; 29 motor and 167 other cars; 6 elec. locomotives, 3 stm. cars. (Operates complete freight service and interchanges with all standard steam railways.) 127

766—Southern Public Utilities Co.—Gen. Office, Mercantile Bldg., Charlotte. (Owns the electric light, gas and street railway properties in Charlotte, N. C. and Greenville, S. C., the electric light and street railway properties in Winston-Salem, N. C., the electric light, water and street railway properties in Anderson, S. C., and the electric light properties in a number of other towns in North and South Carolina. The above properties were formerly owned by the following companies, all of which have ceased to operate: Charlotte Pwr. Co., Charlotte Gas & Elec. Co., Charlotte Elec. Ry. Co., Greenville Gas & Elec. Lt. & Pwr. Co., Greenville Trac. Co., Fries Mfg. & Pwr. Co. (Winston-Salem), Winston-Salem Pwr. Co., Anderson Wtr., Lt. & Pwr. Co., Chester (S. C.) Power Co., Thornton Lt. & Pwr. Co. (Hickory, N. C.) and Southern Pwr. Co. System comprises a total of 59.52 miles of track.) (Controls the Greenville-Carolina Pwr. Co. of Greenville, S. C., through ownership of common stock.)
Pres. Z. V. Taylor.....Charlotte
V. Pres. A. V. Harrill..... "
Sec. W. C. Parker
511 Fifth Ave., New York, N.Y.
Treas. E. C. Marshall.....Charlotte
Asst. Sec. J. R. Cherry..... "
Gen. Supt. E. F. Taylor..... "
*Dir. of Publicity
Leake Carraway..... "
Gen. Claim Agt. R. M. Coffee... "
Pur. Agt. Mill Pwr. Supply Co.. "
CHARLOTTE DIV.
Supt. R. L. Wommack .....Charlotte
Local Claim Agt.
John G. Pardee..... "
Ch. Engr. Pwr. Sta. P. Plummer "
M. M., I. M. Cook..... "
Roadmaster, S. A. Robinson.... "
Engr. Ovhd. Constr. J. C. Mullen "
Power sta. equip. 3 rot. conv. West. tot. 1750 kw; 2 a. c. G. E. tot. 1060 kw. 3 ph. 60 cys; 1610 hp. gas e. Snow; 2200 hp. gas prod. Lewis P; trolley volt. 600 v; power sta. and repair shops at Dilworth, Charlotte; energy also purchased from Southern Pwr. Co.
Owns and reaches Lakewood Park and New Oakland Park and reaches Liberty and Watson's Parks.
31.65 miles; 4-8½ g; 58 motor pass. cars and 3 other motor cars. ★127

CONCORD. 8,715.

(See No. 769.)

DURHAM. 18,241.

767—Durham Traction Co.—Office, East Main St. (Controlled by the Cities Service Co., 60 Wall St., New York City.) (Connects Durham with E. Durham and W. Durham.)
Pres. F. W. Frueauff
60 Wall St., New York, N. Y.
V. Pres., Gen. Mgr., Claim and Pur. Agt., R. L. Lindsey.....Durham
Sec., Treas. & Audr. A. W. Grady "
Supt. Ry. Dept. & M. M., R. M. Ayres..... "
Supt. Elec. Dept. & Engr. Ovrhd. Constr. G. C. Whitfield..... "
Ch. Engr. Pwr. Sta. T. E. Carrington..... "
Power sta. equip. 1 d. c. G. E. 200 kw; 2 a. c. G. E. West., tot. 1100 kw. 2300 v. 3 ph. 60 cys; 1600 hp. e. Erie, Ball, Ham., Cor: 1200 hp. b. Bab. & W; 500 kw. stm. turb. West.; trans. volt. 2300 v.; trolley volt. 600 v.
Power sta. at Blackwell St.; repair shop at E. Main St.
Owns and reaches Lakewood Park and Durham Athletic Park.

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11.24 miles 4-8½ g; 25 motor cars. (Company furnishes lighting and power; also manufactures ice.) ★18

GOLDSBORO. 6,107.

768—Goldsboro Electric Ry. Co.—Office, N. William St. (Connects Goldsboro, Webbtown and Bellevue.)
Pres. Geo. S. Dewey.....Goldsboro
V. Pres. Leslie Well..... "
Sec. W. E. Stroud..... "
Treas. J. M. Allen..... "
*Gen. Mgr. & Pur. Agt.
C. P. Westlake..... "
Purchases energy from Carolina Pwr. & Lt. Co.; 2 d. c. West. tot. 150 kw; trans. volt. 2300 v.; trolley volt. 550 v.
Repair shops at N. William St.
Reaches and owns Herman Park.
5 miles; 4-8½ g; 9 motor pass. cars. ★127

GREENSBORO. 15,895.

769—North Carolina Public Service Co.—Office, Public Service Bldg. (Controls through stock ownership and lease, Salisbury & Spencer Ry. Co. Operates in Greensboro, Pomona, White Oak and Revolution; Salisbury, Spencer and East Spencer; Concord and Highpoint.)
*Pres. Chas. B. Hole.....Greensboro
V. Pres. Wescott Roberson....High Point
Sec. & Treas. L. H. Hole, Jr.,
85 Cedar St., New York, N. Y.
Asst. Sec., Asst. Treas. & Gen. Mgr.
R. J. Hole.....Greensboro
Audr. J. J. Lindsey..... "
Supts. (Ry.) W. L. Frazier.. "
(Elec.) George Spencer "
(Gas) C. W. Crawford "
Local Mgrs. Henry Jennings.....High Point
J. H. Robertson .....Salisbury
Greensboro Sta. Equip. 4 d. c. G. E. Northn, Westg. tot. 1050 kw; 1 a. c. G. E. 500 kw. 2300 v. 3 ph. 60 cys; 2050 hp. e. Allis-C, Fitch-Harris Cor.; 1200 hp. b. Atlas; trans. volt. 2200-6000 v; trolley volt. 600 v.
Salisbury Sta. Equip. (reserve) 1 motor-gen. set Westg. 450 hp; 1 d. c. Bull. 115 kw; 3 a. c. Bull. tot. 175 kw. 3 ph. 60 cys; 525 hp. e. Harris, A. & S; 460 hp. b. Penn, Buffalo; trans. volt. 2200 v; trolley volt. 550 v.
Energy also purchased from Southern Pwr. Co.
Power stas. and repair shops, at Greensboro and Salisbury.
Reaches Lindley Park and Fulton Heights Park South.
25.5 miles; 4-8½ g; 31 motor and 3 other cars. Company does general ltg. (elec. & gas) and pwr. business. ★18

HIGH POINT. 9,526.

(See No. 769.)

NEW BERN. 10,281 (1913).

770—New Bern-Ghent St. Ry. Co.—Office, New Bern.
*Pres. F. Sitterding
900 Floyd Ave.. Richmond, Va.
1st V. Pres. E. C. Armstrong...New Bern
2d V. Pres. J. W. Brown..Portsmouth, Va.
Sec., Gen. Mgr. & Pur. Agt.
C. J. McCarthy.....New Bern
Power sta. equip. 1 d. c. G. E. 75 kw; 1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; 100 hp. e. Ames; 150 hp. b.
Power sta. at New Bern.
Reaches park (owned).
4.5 miles; 4-8½ g; 4 motor cars and 2 other cars. (Co. sells energy for ltg.)
56

RALEIGH. 22,000. (1916.)

771—Carolina Pwr. & Lt. Co.—Office, 8 W. Martin St. (Consol. Raleigh Elec. Co., Central Carolina Pwr. Co. and Consumers Lt. & Pwr. Co.) (Controls Asheville Pwr. & Lt. Co. and Yadkin River Pwr. Co.)
Pres. Chas. E. Johnson.....Raleigh
V. Prests. D. F. McGee...Boston, Mass.
Wm. Darbee, New York, N. Y.
Gen. Mgr. H. H. Carr. Raleigh
Sec. & Treas. E. P. Summerson
71 Broadway, New York
Fiscal Agt. Elec. Bond & Share Co.
71 Broadway, New York
Pur. Agt. R. C. Howison.....Raleigh
Supt. Transpt. & M. M.
Ben. Tongue..... "
Supt. Elec. Lt. & Pwr. Div.
L. V. Sutton..... "
Ch. Engr. & Asst. Gen. Mgr.
P. A. Tillery..... "
Ch. Engr. Pwr. Sta. E. P. Ernst.. "
Power sta. equip. 2 d. c. G. E. tot. 750 kw; 6 a. c. G. E. tot. 6000 kw. 2300 v. 3 ph. 60 cys; 2760 hp. b. Stir. Bab. & W; 3500 kw. turb. (stm.) G. E; 2500 kw. turb. (wtr.) G. E; trans. volt. 60,000 v; trolley volt. 550 v.
Steam plant at Raleigh; hydro-elec. plant at Buckhorn Falls on Cape Fear River; repair shops, Raleigh.
Reaches Bloomsbury Park.
13.65 miles; 4-8½ g; 26 motor and 10 other cars. (Company does general lighting, power and gas business.) ★18

SALISBURY. 7,153.

(See No. 769.)

SPENCER. 3,000.

(See No. 769.)

WILMINGTON. 33,000.

773—Tidewater Pwr. Co.—Office, 217-223 Princess St. (The Consolidated Rys. Lt. & Pwr. Co., formerly operated under lease, was merged. Connects Wilmington, Winter Park, Wrightsville and Wrightsville Beach.)
Pres. Hugh MacRae.....Wilmington
V. C. Van Leuven..... "
Prests H. C. McQueen..... "
Sec., Treas. & Pur. Agt.
Harry Woollcott..... "
Asst. Sec.-Treas.
Thos. B. Willard..... "
Gen. Mgr. A. B. Skelding..... "
*Asst. Gen. Mgr.
Raymond Hunt..... "
Claim Agt. W. B. Savage..... "
Engr. Pwr. Sta. R. MacRae... "
Roadmaster, J. T. Dooley... "
M. M., Wm. Ammenhauser... "
Supt. Constr. A. E. Townsend "
Power sta. equip. 4 a. c. turbo-gen Westg. tot. 3800 kw. 380 v. 2 ph. 60 cys; 2104 hp. b. Bab. & W.; trans. 10,000 v; trolley volt. 575 v.
Power sta. at Castle St.; repair shop at 9th & Orange Sts.
Reaches and owns "Lumina" at Wrightsville Beach.
32 miles; 4-8½ g; 40 motor and 10 other cars. Company furnishes energy for lighting and motors. ★127

WINSTON—SALEM. 22,700.

774—Southern Public Utilities Co.—For general officers, see Charlotte.
Mgr. B. J. Pfohl.....Winston-Salem
Supt. & Engr. J. J. Siggs.. "
Claim Agt.
H. M. Brandon..... "
Power sta. equip. 1 d. c. West. 500 kw; 7 a. c. Allis-C, Westg. tot. 2550 kw. 2400 v. 3 ph. 60 cys; 700 hp. b. A. & T; 750 kw. turb. (stm.) Westg; 1800 hp. turb. (wtr.) Allis-C; trans. volt. 13,200 v; trolley volt. 550 v.
Pwr. sta., (wtr.) on Yadkin River, 13.5 miles from Winston-Salem; steam sta. and repair shop at Winston-Salem.
Reaches and owns Nissen Park.
13.75 miles; 4-8½ g; 34 motor pass. cars and 4 other motor cars. ★127

NORTH DAKOTA.

BISMARCK. 6,000 (1913).

775—Capitol Car Line.—Gen. Office, Capitol Bldg. (Owned by State of North Dakota. Controlled by Board of Trustees. Extends from Soo Depot in eastern part of town, along Main St., up Fourth St., to Capitol.)
*Sec. Board of Control
Ernest G. Warner.....Bismarck
Ch. Engr. Pwr. Sta. & M. M.
Toney Aune..... "
Engr. M. of W., W. J. Empting "
Power sta. at Capitol Grounds.
Reaches Capitol Park.
1.5 miles; 4-8½ g; 1 car. (Energy furnished for lighting and heating Capitol Bldg.) ★18

BRAZIL.

776 — Northwestern Trac. Co.—Office, Brazil. (Successor to Brazil, Devils Lake & Minneapolis Elec. Ry. Co.) (Connects Devils Lake and No. Chautauqua.)
Pres. & Gen. Mgr. A. B. Fox.....Brazil
V. Pres. J. B. Richey..... "
*Sec. V. E. Fox..... "
Treas. C. W. Glasgow..... "
Supt. Victor E. Girton..... "
5 miles; 4-8½ g; 11 gasoline and steam cars. (Expects to use electricity when road is extended.) 77

FARGO. 20,750 (1916.)

777 — Northern States Power Co. (Fargo & Moorhead Div.) — Office, Fargo. (Connects Fargo, N. D. and Moorhead and Dilworth, Minn.) (Controlled by Northern States Power Co. of Delaware, and operated by H. M. Byllesby & Co., Chicago, Ill.)
Mgr. M. L. Hibbard.....Fargo
Gen. Supt. & Pur. Agt.
C. P. Brown..... "
Energy purchased from Union Light, Heat & Power Co.; trolley volt. 550 v.
Repair shop at Fargo.
15.584 miles; 4-8½ g; 42 cars. 18

GRAND FORKS. 12,478.

777a—Grand Forks St. Ry. Co.—Office, 215 So. 3d St. (Connects Grand Forks, N. D., and E. Grand Forks, Minn.)
Pres. R. B. Griffith.....Grand Forks
V. Pres. E. J. Lander..... "
Sec. O. A. Webster..... "
Treas. A. I. Hunter..... "
*Gen. Mgr. & Pur. Agt.
Thos. Roycraft..... "
M. M. & Engr. Ovhd. Constr.
Chas. H. Rogers..... "
Energy purchased from Red River Power Co.
Repair shops at North Fifth St.
8.5 miles; 4-8½ g; 12 motor and 8 other cars. ★127

VALLEY CITY. 4,606.

778 — Valley City St. & Interurban Ry. Co.—Office, Valley City. (Connects Valley City with Soo R. R. at North Valley City.)
Pres. Chas. F. Mudgeth.....Valley City
*V. Pres. & Gen. Mgr.
E. H. Briggs..... "
Sec. Geo. W. Bowen..... "
Treas. John Tracey..... "
Power sta. and repair shops at Fifth Ave., Valley City.
1¼ miles; 4-8½ g: 3 motor cars. (Company handles freight.) 18

WAHPETON. 2,467.

(See No. 502.)

OHIO.

AKRON. 140,000. (1917).

779—Northern Ohio Traction & Lt. Co.—Office, 206 Hamilton Bldg. (Controls Canton-Akron Consol. Ry. Co., which was formed by consolidation of the Canton-Akron Ry. Co., Canton-New Philadelphia Ry. Co. and The Tuscarawas Trac. Co.; also owns entire capital stock of Akron, Wadsworth & Western Trac. Co.) (Connects Cleveland, Akron, Canton, Massillon, Wadsworth, Barberton, Kent, Ravenna, New Philadelphia and Uhrichsville.)
Pres. B. C. Cobb, 14 Wall St., New York, N. Y.
V. Prests. { T. A. Kenney..... " "
Treas. & Gen. Mgr.
A. C. Blinn..... Akron
Sec. Chas. H. Labr..... "
Asst. Sec. & Asst. Treas. G. H. Bourne 14 Wall St., New York, N. Y.
Gen. Audr. H. G. Kessler, " " "
Audr. James Sweeney.....Akron
Gen. Supt. Ry. Dept.
Frank I. Hardy..... "
Gen. Supt. Elec. Dept.
L. G. Tighe..... "
Traffic Mgr. Chas. A. Lauey..... "
Claim Agt. H. L. Ehler..... "
Pur. Agt. Russell J. Harter..... "
Engr. Maint. of Way,
E. D. Eckroad..... "
Supt. Shops, K. D. Leavitt..... "
Park Mgr. C. Y. Riddle.....Canton
Power sta. equip: Canton—3 a. c. G. E. 3 ph. 25 cys; 4600 hp. b; Akron—5 a. c. turbo-gen. West. tot. 67,000 kw. 60 cys; 15,600 hp. b. Bab. & W, Bad; 2750 hp. turb. (wtr.) Trump; trans. volt. 22,000-13,200 v; trolley volt. 600 v.
Power stas. at Canton and Akron; repair shops at Kenmore, Canton and Silver Lake Jct.
Reaches Springfield Lake (leased), Meyers Lake (owned), Silver Lake Park (leased) and Summit Lake (leased).
244 miles; 4-8½ g; 345 motor and 45 other cars; 1 elec. loco. Company does general ltg. and pwr. business. ★127

ALLIANCE. 15,083.

(See also No. 835a).

781—Stark Elec. R. R. Co.—Office, Alliance. (Connects Canton, Louisville, Maxime, Alliance, Sebring, Beloit, Garfield, Damascus and Salem.)
Pres. H. W. Purcell.....Alliance
V. Pres. H. S. Wood..... "
Sec. E. S. Cook.....Cleveland
Treas. John M. Blatt..... "
Audr. O. K. Ayres.....Alliance
*Gen. Mgr., Claim, Fgt. & Pur. Agt.
F. L. Mowry..... "
Ch. Engr. Jno. M. Yost..... "
M. M. R. D. Miller..... "
Pwr. sta. equip. 2 a. c. turbo-gen. West. tot. 2200 kw. 440 v. 3 ph. 25 cys; 2400 hp. b. Bab. & W; trans. volt. 22,000 v; trolley volt. 650 v.
Power sta. and repair shop at Lake Park; sub-stas. at Louisville and Damascus.
Owns and controls Lake Park, near Alliance.
36.4 miles; 4-8½ g; 18 motor pass. cars and 4 other motor cars: 4 other cars. High-speed passenger and freight service. Company furnishes energy for lighting Sebring; also sells energy to rys. ★18

ASHTABULA. 18,266.

782 — Ashtabula & Lake Shore Ry.—(Holds lease on Park track of the L. S. & M. S. Ry.) (Controlled by the Penna. & Ohio Ry. Co.) (Connects Ashtabula Harbor and Woodland Beach Park.)

Pres. L. A. Robison.....Cleveland
Sec. & Treas. W. B. Morris. Pittsburg, Pa.
Rents power from Penn & Ohio Ry. Co.
1 mile; 4-8½ g; 2 cars. 117

783—Ashtabula Rapid Transit Co.—Office, Spring St.
Pres L. A. Robison.....Cleveland
V. Pres. J. B. Yohe.....Pittsburgh, Pa.
Sec. & Treas. Wyn B. Morris " "
Audr. & Pur. Agt.
J. W. Coltman.....Ashtabula
*Gen. Supt. P. Wardman..... "
M. M., R. L. Hughes..... "
Park Mgr. J. C. Hurd..... "
Barn Fmn. James Morgan.....Conneaut
Shares in power plant of Penn. & Ohio Ry. Co.; repair shop, So. Main St. & Tyler Ave.
6 miles; 4-8½ g; 14 motor and 6 other cars. 117

784 — Pennsylvania & Ohio Ry. Co.—Office, 15 Spring St. (Controls Ashtabula & Lake Shore Ry.) (Connects Conneaut, Ashtabula, Kingsville and Jefferson.)
*Recvr. & Supt.
Palmer Wardman.....Ashtabula
Pres. L. A. Robison.....Cleveland
V. Pres. J. B. Yohe.....Pittsburgh, Pa.
Sec. & Treas.
Wyn. B. Morris..... "
Audr. & Pur. Agt.
J. W. Coltman.....Ashtabula
Ch. Engr. Geo. Oldman..... "
Park Mgr. J. C. Hurd..... "
Power sta. at Ashtabula. Repair shop at Conneaut.
Reaches Lake View Park, Conneaut. Owns Woodland Beach Park, Ashtabula.
26 miles; 4-8½ g; 16 cars. 117

BOWLING GREEN. 5,222.
(See No. 819.)

BUCYRUS. 8,122.
(See No. 828.)

CAMBRIDGE. 11,327.

785—The Ohio Service Co.—Gen. office, Coshocton; local offices, Cambridge, Dennison and New Philadelphia. (Purchased the property of The County Elec. Co. (New Philadelphia), The New Midland Pwr. & Trac. Co. (Cambridge), The Twin City Trac. Co. (Dennison) Coshocton Lt. & Htg. Co., Newcomerstown Lt. & Pwr. Co., Strasburg Elec. Co. and Lafayette Lt. & Pwr. Co. (W. Lafayette). (Connects Cambridge, Pleasant City, Byesville and Derwent; also Dennison and Uhrichsville.) (Controlled by United Service Co.)
Pres. Thos. R. Brooks.....Scranton, Pa.
V. Pres. F. E. Pomereme.....Coshocton
Sec. Treas. & Gen. Mgr.
L. H. Conklin.....Scranton, Pa.
Mgr. C. H. Howell.....Coshocton
Dist. Supt. L. H. Slocumb ....Cambridge
CAMBRIDGE DIV.
Power sta. equip. 2 d. c. Ft. W. tot. 600 kw; 3 a. c. G. E. tot. 700 kw. 2200 v. 3 ph. 60 cys; trans. volt. 33,000 v. trolley volt. 600 v. Power plant held in reserve; sub sta. run from transmission system; 1 d. c. G. E. 300 kw.
Power sta. and repair shop at W. Cambridge; sub-sta. at So. Cambridge.
Reaches Oakland Park.
13.38 miles; 4-8½ g; 12 cars. (Company does general lighting and power business) ★127

CANTON. 50,217.
(See No. 779.)

CHILLICOTHE. 14,506.
(See also No. 805.)

786—The Chillicothe Elec. R. R., Lt. & Pwr. Co.—Office, 90 W. Second St., Chillicothe. (Controlled by the Ohio & Western Utilities Co. and operated by National Utilities Co., New York, N. Y.)
Pres. Geo. A. Vaughters.....Chillicothe
V. Pres. John P. Phillips..... "
Sec. L. B. Yaple..... "
Treas. & Asst. Secy. L. M. Symmes
115 B'way, New York, N. Y.
Mgr. & Pur. Agt.
F. K. Sexauer.....Chillicothe
Ch. Engr. W. Boswick..... "
Roadmaster, Jno. Byers..... "
Power sta. equip. 2 d. c. Westg, Sprague tot. 600 kw; 3 a.c. G. E. tot. 800 kw. s. ph. 125 cys; 1600 hp. e. Ham, Cor; 750 hp. b. Erie; trans. volt. 2300 v; trolley volt. 500 v.
Power sta. Yoctangee Park & Canal (No P. O.); repair shop at Chillicothe.
Reaches Ball Park and Fair Grounds.
4.5 miles; 4-8½ g; 10 motor cars, 1 sweeper. (Company furnishes light and power.) 18

CINCINNATI. 363,591.
(See also Nos. 349 and 891.)

787—Cincinnati & Columbus Trac. Co.—Office, Norwood (Sta. H. Cincinnati.) (Connects Cincinnati, Norwood, Milford, Fayetteville and Hillsboro.) (Property will be sold under foreclosure.)
Receiver, The Union Savings Bank & Trust Co.....Cincinnati
Pres. & Treas. H. H. Hoffman...Norwood
V. Pres. ——— ——— ..... "
Actg. Sec. H. J. Gibson..... "
*Audr. & Pur. Agt. H. E. Frost "
Supt. & M. M., J. Drummy..... "
Engr. Pwr. Sta. Geo. Taylor..Perintown
Power sta. equip. 2 a. c. G. E. tot. 300 kw. 3 ph. 25 cys; 2500 hp. e. C. & G, Cpr; 1600 hp. b. A. & T.
Power sta. at Perintown; repair shops at Milford.
53 miles: 4-8½ g; 8 pass. and 21 fgt. cars. (Company supplies energy to The Interurban Elec. Lt. & Pwr. Co., Madeira.) 127

788 — Cincinnati, Georgetown & Portsmouth R. R. Co.—Office, Carrel St. (Operated principally by steam, but some passenger cars doing a local business are operated by electricity.) (Connects Cincinnati, Batavia, Bethel, Georgetown and Rossellville.)
Pres. & Treas. H. A. Haigh....Cincinnati
V. Pres. W. J. Thompson..... "
Sec. A. L. C. Henry..... "
Audr. J. P. Moran..... "
*Gen. Mgr. & Pur. Agt.
A. H. Elfner..... "
Supt. Transpt. V. M. London.. "
Gen. Fgt. & Pass. Agt.
R. E. Haveman..... "
Elec. Engr. & Engr. M. of W.
E. J. Jonas..... "
M. M. L. Wooster..... "
Ch. Engr. Pwr. Sta. C. H. Erion, Olive Branch
Pwr. sta. equip. 2 a. c. West. Elec. Mch. tot. 1200 kw. 3 ph. 25 cys; 1600 hp. e. H. O. & R; 1800 hp. b. A. & T; trans. volt. 16,500 v; trolley volt. 600 v. d. c.
Power sta. at Lake Allyn; repair shops, Carrel St.
Reaches Lake Allyn (owned).
57 miles; 4 8½ g; 20 motor pass. and 12 other cars. (Sells energy to Batavia Lt. & Pwr. Co.) 127

789—Cincinnati, Lawrenceburg & Aurora Elec. St. R. R. Co.—Office, Andersons Ferry, Cincinnati. (Connects Delhi, Home City, Addyston, North Bend, Cleves, Harrison, Lawrenceburg and Aurora.)
Receiver. C. E. Hooven.....Cincinnati
Sec. Stanley Shaffer..... "
*Gen. Mgr. & Audr.
E. M. Gumpf..... "
Ch. Engr. Pwr. Sta. Philip Haas
North Bend

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M. M. Geo. Bender.....North Bend
Power sta. equip. 2 d. c. Westg. tot. 800 kw; 1200 hp. e. H. O. & R; 1000 hp. b. Heine; trolley volt. 600 v.
Power sta. and repair shops, North Bend, O.
32.2 miles; 4-8½ g; 8 motor cars. 18

790—The Cincinnati, Milford & Loveland Traction Co.—General offices, 508 Sycamore St., Cincinnati. (Owns Cincinnati, Milford & Goshen Trac. Co., and Cinc., Milford & Eastern Trac. Co., proposed lines.) (Connects Cincinnati, Madisonville, Plainville, Indian Hill, Newtown, Terrace Park, Milford, Mulberry, Goshen Sta., Newtonville, Edenton, Woodville and Blanchester.)
*Receiver & Pur. Agt.
Charles C. Harris.....Cincinnati
Sec. Thorne Baker..... "
Treas. Jesse N. Roberts..... "
Audr. R. G. Ware.....Cincinnati
Claim Agt. } Madisonville,
T. S. Ownley..... } Cincinnati
Gen. Fgt. & Pass. Agt.
C. R. Wenzel.....Cincinnati
Gen. Supt. Jas. Montgomery
Madisonville, Cincinnati
Engr. Pwr. Sta.
Chas. W. Carson.....Milford
M. M. Richard Hayes
Madisonville, Cincinnati
Ch. Lineman, Duffy Bolls.....Milford
Power sta. equip. 2 a. c. Buff. tot. 500 kw. 3 ph. 25 cys; 1500 hp. e. Allis-C; 800 hp. b. Stir.
Power sta. at Milford; repair shops, Madisonville.
Reaches Woodland and Bamford Hills Park.
37 miles; 5-2½ g; 10 pass., 3 fgt. 2 work, 2 flat cars and 4 dump cars. Company furnishes energy for lighting. 127

791—The Cincinnati Traction Co.—Offices, Traction Bldg. (Operates Cincinnati St. Ry. Owned by The Ohio Trac. Co.)
Pres. W. Kesley Schoepf, Trac. Bldg., Cincinnati
V. Prests. { Dana Stevens..... " / Walter A. Draper.. "
*Sec. D. J. Downing..... "
Treas. W. H. MacAlister..... "
Asst. Treas. F. L. Haller..... "
Audr. H. L. Sanders..... "
Asst. Audr. B. F. Reiley..... "
Gen. Mgr. A. Benham..... "
Supt. Transp. A. J. Ostendorf.. "
Consit. Engr. Thos. Elliott.... "
Claim Agt. Walter E. Robinson "
Asst. Pur. Agt. A. L. Fischer.. "
Ch. Engr. Wm. Mittendorf.... "
Engr. Roadway, E. H. Berry.. "
Constr. Engr. F. J. Venning... "
Supt. Shops, J. J. Schweitzer. "
Power sta. equip. 35 d. c. Westg, G. E. tot. 29,100 kw; 40,111 hp. e. McI. & S, Prov; 20,475 hp. b. Bab. & W, A. & T; 18,000 kw. turb. (stm.) Westg; trans. volt. 6600 v; trolley volt. 575 v.
Five power stations as follows: Pendleton generating station, Eastern Ave., Cincinnati; Hunt St. generating station, Hunt & McMillan Sts. Cincinnati; Depot St. generating station, Depot St. near 8th St., Cincinnati; Cumminsville generating station, Knowlton St. near C. H. & D. R. R., Cumminsville, Cincinnati; Winton Place generating station, Winton Place.
Repair shops at Chester Park, Winton Place.
Owns Chester Park, which is leased to Isaac M. Martin and reaches Zoo Garden.
227.95 miles; 5-2½ g: 1,250 motor and 146 misc. cars; 60 trailers. ★127

792—Indiana, Columbus & Eastern Trac. Co.—(Leased to The Ohio Elec. Ry. Co., which see for details of roads owned and leased.)
Pres. Dana Stevens.....Springfield
V. Pres. J. H. Sundmaker..... "
Sec. & Treas. F. A. Healy..... "
Asst. Sec. & Asst. Treas. J. M. Pogue..... " 127
398.2 miles; 4-8½ g.

793—Interurban Ry. & Terminal Co.—Office, 1112 Second National Bank Bldg., Cincinnati. (Owns and operates the Cincinnati & Eastern Elec. Ry. Co., the Suburban Trac. Co., the Rapid Ry. Co. and the Interurban Terminal Co.) (Connects Cincinnati, New Richmond, Bethel and Lebanon.)
Recrs. { Chas. Thrasher.....Cleveland / Chas. M. Leslie.....Cincinnati
Pres. Geo. H. Worthington.....Cleveland
Sec., Treas., Gen. Supt. & Pur. Agt.
M. Ackerman.....Cincinnati
*Audr. C. Hogan..... "
Gen. Fgt. Agt. S. S. Morris.... "
Engr. Pwr. Sta. F. H. Woods.. "
M. M. Frank F. Brueggemann.. "
Roadmaster, E. P. Denman.... "
CONEY ISLAND STA. EQUIP.—2 d.c. Westg. tot. 800 kw; 2 a. c. Westg. tot. 1000 kw. 3 ph. 25 cys; 3157 hp. e. Bckye; 2100 hp. b. A. & T; trans. volt. 11,000 v; trolley volt. 650 v.
Power sta. at Coney Island; repair shop at Deer Park.
Reaches Coney Island, owned by individual members of company, and Beechwood Park, Silverton.
101.24 miles; 5-2½ g; 35 motor and 15 other cars. 127

794—The Ohio Traction Co.—(Millcreek Valley Division.) Office, Traction Bldg. (Operates under lease The Cincinnati & Hamilton Trac. Co. which extends through St. Bernard, Elmwood, Carthage, Hartwell, Lockland, Glendale, Wyoming and Hamilton.) (Owns Cincinnati Trac. Co. and Cincinnati Car Co.)
Pres W. Kesley Schoepf.....Cincinnati
1st V. Pres. Chas. P. Taft..... "
2d V. Pres. Dana Stevens..... "
3d V. Pres. & Sec.
Walter A. Draper..... "
Asst. Sec. D. J. Downing..... "
Treas. W. H. MacAlister..... "
Asst. Treas. F. L. Haller..... "
Audr. H. L. Sanders..... "
Asst. Audr. B. F. Reiley..... "
Gen. Mgr. A. Benham..... "
Consit. Engr. Thos. Elliott.... "
Supt. Transp. A. J. Ostendorf.. "
Claim Agt. Walter E. Robinson "
Asst. Pur. Agt. A. L. Fischer.. "
Ch. Engr. Wm. Mittendorf.... "
Supt. of Constr. F. J. Venning. "
Engr. of Roadways, E. H. Berry "
Power sta. equip. 2 d. c. G. E. tot. 1000 kw; 1600 hp. e. McI. & S; 1850 hp. b. A. & T; trans. volt. 6600 v; trolley volt. 575 v.
Power sta. at Hartwell and repair shops at Chester Park, Winton Place.
Reaches Zoological Gardens.
36.09 miles; 5 2½ g; 32 motor and 5 other cars. ★127

CLEVELAND. 560,663.

(See also No. 779.)

795—The Cleveland & Chagrin Falls Ry. Co.—Office, 708 Belmont Bldg. (Successor to Cleveland, Youngstown & Eastern Ry. Co.) (Connects Cleveland and Chagrin Falls.)
Receiver & Gen. Mgr.
Robt. D. Beattie.....Cleveland
Pres. H. P. McIntosh..... "
V. Pres. Horatio Ford..... "
Treas. C. A. Taylor..... "
Audr. J. E. Lowery..... "
Supt. F. J. Marsh.....Chagrin Falls
Energy purchased from Cleveland and Eastern Trac. Co.
Sub. sta. at Stop 28; car barns at Chagrin Falls.

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12 miles; 4-8½ g; 11 motor, 2 freight and 2 other cars. ★18

796—Cleveland & Eastern Trac. Co.—Office, 708 Belmont Bldg., Cleveland. (Has taken over the Cleveland & Eastern Div. of the Eastern Ohio Trac. Co.) (Connects Cleveland, Chardón, Burton and Middlefield.)

Pres. H. P. McIntosh.....Cleveland
V. Pres. Horatio Ford..... "
Sec. & Gen. Mgr. Robt. D. Beatty "
*Treas. C. A. Taylor.....
Audr. J. E. Lowery.....
Supt. H. A. Emery.....Gates Mills
Elec. Engr. F. V. Weldy..... " "
M. M., Frank Smith..... " "

Energy purchased from Cleveland Illuminating Co.

Sub-stas. at Stops 7, 19 and C. & E. Jct; also 1 portable sub-sta; repair shops at Gates Mills.

40 miles; 4-8½ g; 16 motor, 2 freight and 3 other cars. 18

797—The Cleveland Ry. Co.—Office, Leader-News Bldg. (Formerly the Cleveland Elec. Ry. Co.)

Pres. J. J. Stanley.....Cleveland
*V. Pres. & Gen. Mgr. Geo. L. Radcliffe..... "
Sec. to Pres. Paul E. Wilson... "
V. Pres. R. A. Harman..... "
Sec. & Treas. Henry J. Davies.. "
Audr. Thos. P. Kilfoyle..... "
Gen. Supt. A. E. Duty..... "
Asst. Supt. Ralph W. Emerson "
Claim Agt. Wm. F. Weh..... "
Supt. of Pwr. & Elec. Engr. L. P. Crecelius..... "
Pur. Agt. Chas. H. Stanley.... "
Engr. M. of W., C. H. Clark... "
M. M., Terance Scullin..... "

Power sta. equip. 15 d. c. G. E, Westg, tot. 19,100 kw; 29,000 hp. e. Allis-C, Cpr; 15,072 hp. b. Bab. & W; trolley volt. 575 v; also purchases energy from Cleveland Elec. Illuminating Co.

Power stas. Cedar Ave and Ashland Rd., and Washington and Sycamore Aves.

365 miles (including track in yards and buildings); 4-8½ g; 1,179 motor cars and 407 other cars. 117

798—The Cleveland, Southwestern & Columbus Ry. Co.—Office, 525 Garfield Bldg. (Connects Cleveland, Berea, Medina, Seville, Creston, Wooster, Le Roy, Lodi, W. Salem, Ashland, Mansfield, Crestline, Galion, Bucyrus, Elyria, Oberlin, Lorain, Amherst, Grafton, Berlin Heights and Norwalk.)

Pres. F. E. Myers.....Ashland
1st V. Pres. F. H. Ginn.....Cleveland
2d V. Pres. L. J. Wolf..... "
Sec. & Treas. J. O. Wilson.... "
*Gen. Mgr. & Pur. Agt. E. F. Schneider..... "
Audr. H. B. Cavanaugh..... "
Claim Agt. C. E. McKisson.... "
Supt Western Div. J. A. Nester...Elyria
Supt. Southern Div. M. A. Tatum, Kamms
Supt. (Seville-Bucyrus Div.) F. M. Yeingst.....Mansfield
Supt. Pwr. & Shops A. P. Lewis.....Elyria
Supt. of Ovhd. W. B. Demaline..... "
Traffic Mgr. C. C. Collins.....Cleveland

Power sta. equip. 2 d. c. Westg. tot. 1000 kw; 3500 hp. e.; 4000 hp. b. Stir, Heine; 6000 hp. (stm.) turb. Westg, Allis-C, G.E; trans. volt. 22,000 v; trolley volt. 625 v.

Power sta. and repair shop at Elyria.

Reaches Puritas Springs and Chippewa Lake and owns Seccaium Park.

225 miles: 4-8½ g; 60 motor and 17 other cars. (Co. does ltg. & pwr. business.) 127

799—Lake Shore Elec. Ry. Co.—Executive office, Electric Bldg., Cleveland; general office, Sandusky. (Controls the Lorain St. R. R. Co., and Sandusky, Fremont & Southern Ry. Co.) (Connects Cleveland and Toledo and intermediate cities and towns.)

Pres. E. W. Moore.....Cleveland
V. Prests. F. H. Goff..... "
A. Lewenthal..... "
*Gen. Mgr. & Pur. Agt. F. W. Coen.....Sandusky
Sec. & Treas. J. P. Witt.....Cleveland
Audr. A. O. Henry.....Sandusky
Gen. Supt. L. K. Burge..... "
Supt. M. Pwr. F. Heckler.....Fremont
Engr. M. of W., A. V. Brown..Sandusky
Claim Agt. H. Rimelspach..... Fremont
Gen. Pass. Agt. J. F. Starkey..Sandusky
Roadmaster, Roy Bragdon..... "

Power stas. equip. 9 a. c. G. E, Westg. tot. 7800 kw. 3 ph. 25 cys; 5700 hp. e. Cpr, Westg; 7400 hp. b. Stir, Bab. & W; 4000 kw. (stm.) turb. Westg; trans. volt. 18,000 v; trolley volt. 600 v. Energy purchased from The Ohio State Power Co. for operation of system from a point some 25 miles east of Fremont to Toledo.

Power stas., Beach Park and Fremont; repair shops at Fremont, Beach Park and Sandusky.

Reaches Beach Park (owned), Crystal Beach, Linwood Park, Ruggles' Grove, Rye Beach, Cedar Point.

173 miles; 4-8½ g; 77 motor and 57 other cars. Co. sells energy to ry. companies. 18

COLUMBUS. 181,511.

800—Columbus, Delaware & Marion Elec. Co.—Office, 100 W. Gay St. (Successor to Columbus, Delaware & Marion Ry. Co.) (Connects Columbus, Worthington, Delaware, Prospect, Radnor and Marion; also owns and operates city ry. service in Marion and Delaware.)

Pres. & Gen. Mgr. Eli. M. West..Columbus
Audr. W. H. Davidson..... "
Gen. Coun. Harry F. West New Hayden Bldg., "
*Supt. J. H. Lahrmer..... "
Trainmaster, C. C. Moyer.....Delaware
Supt. Mtv. Pwr. A. F. Rolston.. "
Supt. Overhead, Pearl Lowry,.. "
Supt. Marion Ltg. Dept. F. Glosser.....Marion
Roadmaster, W. F. Baker.....Delaware

Power sta. equip. 1 d. c. G. E. 400 kw; 2 a. c. G. E. tot. 2800 kw. 3 ph. 25 cys; 600 hp. e. McI. & S; 2000 hp. b. Heine; 2800 kw. stm. turb. G.E; trans. volt. 19,500 v; trolley volt. 600 v.

Power sta. and repair shops at Stratford Address, Delaware, O.)

Owns Glenmary Park. Reaches Olentangy Park, North Columbus.

60 miles; 4-8½ g; 12 interurban pass. cars, 4 freight and express cars, 4 motor service cars, 16 non motor service cars and 28 city cars. (Company furnishes energy to Prospect Elec. Ltg. & Pwr. Co., Columbus, Marion & Bucyrus R. R. Co., and does lighting in Marion.) ★127

801—Columbus, New Albany & Johnstown Trac. Co.—Office, Long and Third Sts. (Connects Columbus, E. Columbus and Gahanna.)

Pres. H. M. Beazell.....Cincinnati
V. Pres. Leo J. Van Lahr..... "
Sec. & Treas. Julius A. Reif.... "
Audr. O. V. Sterrett.....Columbus
*Gen. Mgr. & Pur. Agt. L. P. Stephens..... "
M. M. Robert Whisner..... "

Energy purchased from Columbus Ry., Pwr. & Lt. Co.; repair shops at E. Columbus.

8.8 miles: 5-2 g; 6 motor cars and 1 other car. 18

802—Columbus Ry., Pwr. & Lt. Co.—Office, 14-16 N. High St. (Inc. to succeed Columbus Traction Co. and to take over the properties leased to Co-

lumbus Railway & Light Co. Has acquired all property etc., of Columbus Traction Co. (successor to Central Market Street Railway), Columbus Railway Co., and Columbus Edison Co., the existing leases between the two latter companies and the Columbus Railway & Light Co., being cancelled. In Jan. 1915 property of Columbus Light Heat & Power Co. was acquired. Undermanagement of E. W. Clark & Co., Philadelphia, Pa.) (Connects Columbus and Westerville, and Columbus and Marble Cliff.)

Pres. S. G. McMeen Huntington Bank Bldg.
V. Prests. Treas. & Gen. Mgr. E. K. Stewart, 14-16 N. High St.
C. M. Clark.....Phila., Pa.
Norman Mc D. Crawford. 14-16 N. High St.
Sec. & Audr. P. V. Burington 14-16 N. High St.
Asst. Sec. & Asst. Audr. H. M. Burington..... " "
Gen. Supt. Harold W. Clapp..... " "
*Asst. Gen. Supt. W. C. Campbell..... " "
Supt. Transp. Geo R. Whisner..... " "
Asst. Claim Adjuster Carrie A. Swartz..... " "
Pur. Agt. W. V. C. Bulkeley " "
Elec. Engr. R. J. Feather. " "
Ch. Engr. Pwr. C. H. Johnson..... " "
M. M., Chas. E. Hott.... " "
Engr. of Maint. Way, E. O. Ackerman..... " "
Supt. of Lines, B. L. Chase..... " "

Power sta. equip. 11 d. c. G. E. Westg. tot. 6610 kw; 3 a. c. West, Bull. tot. 1100 kw. 3800 v. 3 ph. 60 cys; 11,950 hp. e; 12,353 hp. b. Bab. & W; 18,500 kw. turb. (stm.) G. E. Allis-C West; trans. volt. 13,200 v; trolley volt. 585 v.

Principal power sta., Spring and Cozzins Sts.; repair shops, Rose Ave. & Oak St.

Reaches Olentangy Park & Indianola Park.

132.066 miles; 5-2 g. and 4-8½ g; 309 motor pass. cars and 28 misc. motor cars; 35 other cars. (Co. does general lighting business in Columbus and surrounding territory.) ★18†

803—The Columbus, Urbana & Western Elec. Ry. Co.—Office, 100 W. Gay St. (Connects Columbus, Marble Cliff and Fishingers.)

Pres Scott A. Webb..... ....Columbus
Sec. Harry E. Stafford..... "
Treas. Eli M. West..... "
Audr. Harry A. Snyder..... "
Gen. Mgr. & Pur. Agt. L. P. Stephens..... "

Energy purchased from The Columbus Ry., Pwr. & Lt. Co.; repair shop, 500 W. Spring St.

Reaches park at Fishingers Bridge, North of Storage Dam.

10 miles; 4-8½ g; 4 motor cars and 8 other cars. ★18

804—The Ohio & Southern Trac. Co.—Office, 115 E. Rich St. (Connects Shadesville and Hartman Stock Farm with Columbus.)

Pres. S. B. Hartman.....Columbus
Sec. J. M. Buttler..... "
Treas & Claim Agt E. S. Davis "
Audr. Sam'l Mathews..... "
*Gen. Mgr. E. C. Schwab..... "
Gen. Fgt, Pass. & Pur. Agt. O. C. Manly..... "
M. M. Clark Miller, 1212 So. High St "

Energy purchased from Columbus Ry., Lt. & Pwr. Co.; repair shops, Hartman Farm.

7 miles; 4-8½ g; 3 motor pass. cars and 10 other cars; 1 elec. loco. ★127

805—Scioto Valley Trac. Co.—Office, Third and Rich Sts. (Connects Columbus and Lancaster, Columbus and Chillicothe and intermediate points.)

Pres. & Gen. Mgr. F. A. Davis..Columbus
V. Pres. & Treas. E. R. Sharp. "
*Sec. & Pur. Agt. A. C. Moorhaus "
Audr. F. K. Young..... "
Supt. C. Skinner..... "
Pass. & Claim Agt. N. E. Rees..... "
Gen. Fgt. Agt. J. O. Bradfield.. "
Ch. Engr. Gregg D. Wolfe..... "
Elec. Engr. & Ch. Engr. Pwr. Sta. F. W. C. Bailey..... "
M. M., G. A. Stiles..... "
Roadmaster, G. E. Wagner..... "

Power sta. equip. 3 d. c. Bull. tot. 300 kw; 2 a. c. Bull. tot. 2000 kw. 3 ph. 25 cys; 3800 hp. e. H. O. & R, H. F. & M; 2800 hp. b. McNaull, Frank; trans. volt, 27,000 v; trolley volt. 600 v.

Power sta. and repair shops, Rees Station; sub stations, Canal-Winchester, Hookers, Ashville, Circleville, Kingston and Chillicothe.

Reaches Bismarck Park.

78 miles (8d rail); 4-8½ g; 17 motor cars. (Co. does ltg. business.) 67

COSHOCTON. 9,603.

(See No. 785.)

COVINGTON. 1,848.

(See No. 853.)

DAYTON. 116,577.

(See also Nos. 338, 839, 853, 866, 879, 1117, 1118 and 1234.)

806—City Ry. Co.—Office, corner Western and Auburn Aves.

Pres. & Treas. E. D. Grimes.....Dayton
1st V. Pres. C. B. Clegg, Brown St. & D. L. & C. Ry. "
2nd V. Pres. G. G. Shaw..... "
3rd V. Pres. V. Winters..... "
*Sec. M. Hall..... "
Claim Adjuster, Alvin Coffman 503 Schwind Bldg., "
Audr. J. Morton..... "
Gen. Mgr. & Pur. Agt. T. E. Howell..... "
Asst. Supt. C. E. Bitzer..... "
Ch. Engr. Pwr. Sta. Frank Engle. Emily St., "
Elecn. John Dolan..... "
Track Foreman, Jno. McDonald..... "

Power sta. equip. 5 d. c. G. E, Westg, S. & H. tot. 2900 kw; 3500 hp. e. Bckye. Prov; 1750 hp. b. Stir, A. & T, Bab. & W; trolley volt. 550 v.

Reaches Lake Side Park.

Power sta., Emily & Levee Sts. Repair shop, Western and Auburn Aves.

86.85 miles; 4-8½ g; 159 motor cars (56 closed, 46 open and 57 combination); 3 snow cars; 3 sprinklers; 2 sand and 1 tool car. ★18

807—Dayton, Springfield & Xenia Southern Ry. Co.—Office, 201 Arcade. (Connects Dayton, Bellmont, Shoups Station, Alpha, Trebeins and Xenia.)

Pres C. J. Ferneding.....Dayton
*V. Pres. Gen. Mgr. & Pur. Agt. T. A. Ferneding..... "
Sec. & Treas. H. L. Ferneding.... "
Audr. Gen. Fgt. Pass. & Claim Agt. R. J. Wells..... "
M. M. Ira Scofield..... "

Energy purchased from The Dayton Power & Light Co.; trans. volt. 6500 v; trolley volt. 625 v.

Repair shop near Shoups Station.

Reaches Bellbrook, Kilkare Park (controlled) and Yellow Springs Park.

27.97 miles; 4-8½ g; 22 cars. ★127

808—The Dayton St. Ry. Co.—Office, Lorain & Pritz Ave.
Pres. Wm. A. Keyes Schwind Bldg., Dayton
V. Pres. S. M. Krohn, Commercial Bldg., "
*Sec. & Treas. Philip H. Worman, Schwind Bldg., "
Gen. Mgr. Wm. L. Smith, Lorain & Pritz Ave., "
Energy purchased from Dayton Pwr. & Lt. Co.
Repair shop at car barns.
14 miles; 4-8½ g; 27 motor and 20 other cars. 127

809—Dayton & Troy Elec. Ry. Co.—Office, Tippecanoe City. (Controls Miami Valley Ry. Co., The Troy, Tippecanoe and Dayton Interurban Ry. Co., and the Piqua St. Ry.) (Connects Dayton, Tippecanoe City, Troy & Piqua).
Pres. Harrie P. Clegg.....Dayton
V. Pres. Chas. B. Clegg..... "
Sec. L. C. Clegg..... "
*Treas. Gen. Mgr. & Pur. Agt. R. A. Crume..... "
Audr. Finney Sprague...Tippecanoe City
Supt. Transpt. W. M. Kessler. "
Supt. Piqua City Lines J. D. Kohler.....Piqua
Gen. Fgt. & Pass. Agt. O. H. Murlin.....Dayton
Ch. Engr. Pwr. Sta. Wm. Eidemiller.....Tippecanoe City
M. M., M. F. Flatley..... " "
Roadmaster, J. D. Racer " "
Power sta. equip. 3 d. c. Westg. tot. 1200 kw; 1000 hp. e. Bckye; 1200 hp. b. Bab. & W; trolley volt. 550 v.
Power sta. and repair shop at Tippecanoe City.
49 miles; 4-8½ g; 19 motor and 30 other cars. ★127

810—The Lebanon & Franklin Trac. Co.—(Operates through cars between Dayton and Lebanon; connects Lebanon, Red Lion and Franklin.)
*Pres., Sec., Treas., Gen. Mgr. & Pur. Agt. Robt. E. Kline.....Dayton
V. Pres. C. H. Hoglen..... "
Supt. C. V. Haney..... "
Claim Agt. Jno. Clark..... "
Energy purchased.
Repair shops at Franklin.
Reaches Miami Valley Chautauqua, Warren Co. Fair Grounds and Franklin Racing Park.
10.8 miles; 4-8½ g; 2 motor pass. cars. ★127

811—Oakwood Railroad Co.—Office, 1630 So. Brown St. (Connects Oakwood with "Hills and Dales.") (Leased and operated by The Oakwood St. Ry. Co.)
Pres. Harrie P. Clegg.....Dayton
V. Prests. { Chas. B. Clegg..... " / Gen. Mgr. Claim & Pur. Agt. Henry Gebhart..... "
Sec. P. A. Hommel..... "
Treas. & Audr. H. C. Weingartner "
2 miles; 4-8½ g. 18

812—The Oakwood St. Ry. Co.—Office, 1630 So. Brown St. (Connects Oakwood, Dayton and Dayton View.) (Leases and operates the Oakwood R. R. Co.)
Pres. & Treas. C. B. Clegg.....Dayton
V. Pres. Harrie P. Clegg..... "
*Sec., Gen. Mgr., Claim & Pur. Agt. Henry Gebhart..... "
Claim Adjuster, Alvin Coffman 503 Schwind Bldg., "
Audr. H. C. Weingartner..... "
M. M., J. F. Merrick..... "
Energy purchased from Dayton Power & Lt. Co.; trolley volt. 600 v.
Repair shops, Brown St. & D. L. & C. R. R., Dayton.
10 miles (including Oakwood R. R. Co.); 4-8½ g; 31 motor pass. cars and 3 other cars. ★18

813—People's Ry. Co.—Office, 520 Washington St. (Controlled by American Rys. Co., Phila., Pa.)
Pres. J. A. McMahon.....Dayton
V. Prests. { H. J. Crowley.....Phila., Pa. / C. L. S. Tingley... "
Sec. & Treas. W. W. Perkins... "
Asst. Sec., Asst. Treas. & Compt. "
F. J. Pryor, Jr. .... "
Gen Mgr. Geo. C. Towle.....Dayton
Supt. & Claim Agt. V. R. Powell.. "
Claim Adjuster, Alvin Coffman 503 Schwind Bldg., "
Pur. Agt. G. C. Weirick.....Phila., Pa.
Ch. Engr. Pwr. Sta. G. C. Chadderdon..... ....Dayton
M. M., Joseph H. Towle..... "
Engr. M. of W., A. Schmittauer.. "
Power sta. equip. 2 d. c. G. E. tot. 2000 kw; 2500 hp. e. Mcl. & S; 2300 hp. b. Stir. Natl; trans. & trolley volt. 550 v.
Power sta. at Germantown St.; repair shops at Bolander Ave.
31.89 miles; 4-8½ g; 88 motor and 26 other cars. ★18

DENNISON. 4,008.

814—The Ohio Service Co.—See Cambridge. (Connects Uhrichsville and Dennison.)
Sub-sta. run from transmission system; 1 d. c. 150 kw. West; trolley volt. 500 v.
2 miles; 4-8½ g; 3 cars. 127

EAST LIVERPOOL. 20,387.
(See also No. 1196.)

815—The Steubenville, East Liverpool & Beaver Valley Trac. Co.—Office, E. Liverpool. (On Nov. 1, 1917, the following properties were merged: East Liverpool Trac. & Lt. Co., The Ohio River Passenger Ry. and The Steubenville and East Liverpool Ry. & Lt. Co.) (Connects Beaver and Midland, Pa., East Liverpool, Wellsville, Toronto and Steubenville, O. and Chester, W. Va.) (The electric light and power properties leased to The Ohio River Pwr. Co.)
Pres. C. A. Smith .....E. Liverpool
*Sec., Treas. & Pur. Agt. Geo. H. Faulk..... "
Gen. Mgr. R. J. McElravy.... "
Claim Agt. J. H. Maxwell.... "
M. M., C. N. Pettinger..... "
Roadmaster, J. D. Hickey.... "
Energy purchased from The Ohio River Pwr. Co; trans. volt. 13,200 v: 2 West. rot. conv. tot. 600 kw; trolley volt. 625 v.
Sub-sta. at Industry, Pa.; repair shops at East Liverpool.
Reaches Rock Springs Park at Chester, W. Va., and Stanton Park at Steubenville.
101 miles; 4-8½ g; 75 motor passenger and 8 other motor cars; 2 other cars. ★18

FINDLAY. 14,858.
(See also No. 819.)

816—Toledo, Bowling Green & Southern Trac. Co.—General office, Findlay. (Connects Findlay, Bowling Green and Toledo.)
Pres. Bayard L. Kilgour.....Cincinnati
V. Pres. Charles Kilgour..... "
Sec. & Treas. A. J. Becht..... "
Audr. C. B. Baker.....Findlay
*Gen. Mgr., Claim & Pur. Agt. C. F. Smith..... "
Gen. Supt. R. N. Hamblin..... "
Gen. Fgt. & Pass. Agt. Ed Hamprecht..... "
Supt. Mot. Pwr. Daniel Reidel, Jr. "
Ch. Engr. Pwr. Sta. W. Nusbaum "
M. M. Allen Karns.....Bowling Green
Roadmaster, Fred Miller.....Findlay
Power sta. equip. 2 a. c. G. E. tot. 2000 kw. 370 v. 3 ph. 25 cys; 4000 hp. e. Mcl.

& S; 4500 hp. b. Bab. & W; 1000 kw. stm. turb. G. E; trans. volt. 20,000 v; trolley volt. 600 v.
Power stas. at Findlay; repair shops at Findlay and Bowling Green.
Reaches amusement park in Toledo.
50 miles; 4-8½ g; 37 cars. Company furnishes lighting in Findlay. 77

FORT LORAMIE. 444 (1911).

817—Minster & Loramie Ry. Co.—Office, Ft. Loramie. (Connects Minster and Ft. Loramie.) (Operated by Western Ohio Ry. Co.) (Sold at receiver's sale and purchased by C. P. Gress representing New Bremen First Nat'l Bank acting for creditors of company.)
Pres. & Gen. Mgr.
J. B. Raterman.....Ft. Loramie
V. Pres. J. D. Inderrieden.. "
Sec. Wm. J. Sherman ..... "
Treas. Julius Boesel.....New Bremen
Audr. E. O. Reed.....Lima
Gen. Frt. & Pass. Agt.
C. O. Sullivan..... "
Energy purchased from Western Ohio Ry. Co.
3.3 miles; 4-8½ g. 67

FOSTORIA. 11,200 (1915).
(See also No. 846.)

818—The Fostoria & Fremont Ry. Co.—Office, Alcott Bldg., Fostoria. (Connects Fremont, Havens, Burgoon, Kansas, Amsden and Fostoria.)
Pres. F. D. Carpenter.....Lima
V. Pres. R. B. Anderson.....Wapakoneta
*Sec., Treas. & Gen. Mgr.
J. D. McDonel.....Fostoria
Audr. E. O. Reed .....Lima
Traffic Mgr. C. O. Sullivan..... "
Energy purchased from Lake Shore Electric Ry. Co.; repair shop, Fremont.
21.5 miles; 4-8½ g; 3 motor cars. ★127

819—Toledo, Fostoria & Findlay Ry. Co.—Office, Fostoria. (In 1916, purchased property of The Lake Erie, Bowling Green & Napoleon Ry. Co. between Scotch Ridge, Center Church and Bowling Green (12 miles). Connects Findlay, Arcadia, Fostoria, Rising Sun, Bradner, Pemberville, Scotch Ridge, Center Church, Bowling Green, Luckey, Walbridge and Toledo.)
Pres. H. C. Greer....Morgantown, W. Va.
V. Pres. C. C. Fernsel.....Canal Dover
Sec. & Treas. A. J. Krantz.. "
*Gen. Mgr. E. Smith.....Fostoria
Supt. R. H. Ewan..... "
M. M., John Mitchell ..... "
Roadmaster, D. Campbell ..... "
Power sta. equip. 2 d. c. Westg. tot. 500 kw; 800 hp. e. Rus; 800 hp. b. Stir; trans. volt. 2200 v; trolley volt. 700 v; also purchases energy from Lake Shore Elec. Ry. Co. and The Ohio Northern Public Service Co.
Power sta. and repair shop at Fostoria. Owns Reevee' Park.
62 miles; 4-8½ g; 17 motor cars, 2 pass. trailers, 1 freight trailer and 21 other cars. 127

FREMONT. 9,989.
(See No. 818.)

GALLIPOLIS. 5,560.

820—The Gallipolis & Northern Trac. Co.—Office, Gallipolis. (Purchased property of the Kanauga Trac. Co. at receiver's sale.) (Connects Gallipolis, O., and Point Pleasant, W. Va.)
Pres H. L. Lambert.., Pennsboro, W. Va.
Sec. & Treas. C. R. Cunningham, Pennsboro, W. Va.
Gen. Mgr. H. Marsh..Parkersburg. "
*Supt. E. M. McCormick. .....Gallipolis
M. M., D. L. Reisinger..... "
Energy purchased from Ohio Utilities Co.; trolley volt. 600 v.
Repair shops, East Gallipolis.
Reaches Fair Grounds.
5 miles; 4-8½ g; 6 motor pass. cars, 2 trail pass. cars and 1 other motor car. ★127

GEORGETOWN. 1,580.
(See No. 788.)

HAMILTON. 35,279.
(See also No. 794.)

821—Cincinnati, Dayton & Toledo Trac. Co.—Offices, Traction Bldg. Cincinnati and Ohio Electric Terminal, Springfield. (A consolidation of the Southern Ohio Trac. Co., Hamilton, Cincinnati-Northwestern Ry. Co. Cincinnati and The Hamilton & Lindenwald Elec. Transit Co.) (Connects Cincinnati, Hamilton, Middletown, Franklin, Miamisburg, Dayton and Germantown, and operates city line in Hamilton.) (Leased to The Ohio Elec. Ry. Co.) (On June 30, 1917, property sold at receiver's sale to bondholders' protective committee.)
*Chrmn Bondholders' Protective Comm. James M. Hutton
1st Natl. Bank Bldg., Cincinnati
Recvr. Benton S. Oppenheimer..Hamilton
Pres. Theobold Felss.....Cincinnati
V. Prests. { W. A. Draper..... "
C. H. Rembold..... "
Sec. & Treas. F. A. Healy.....Springfield
Asst. Sec. & Asst. Treas.
D. J. Downing.....Cincinnati
Power stas. at Lindenwald (P. O. Hamilton): repair shop at Dwyers, O'Neil and Lindenwald.
Reaches Lindenwald Park and M. V. Chautauqua Grounds.
83.9 miles; 4-8½ g; 91 cars. ★77

HEBRON. 677.
(See No. 839.)

HUBBARD. 1,699.
(See No. 965.)

IRONTON. 13,147.
(See Nos. 835 and 1190.)

LANCASTER. 13,093.

822—The Lancaster Trac. & Pwr. Co.—Office, Main St.
*Pres., Gen. Mgr. & Pur. Agt.
H. B. Peters. .....Lancaster
V. Pres. Edw. DeLancy..... "
Sec. & Treas. P. R. Peters..... "
Supt. & Engr. Pwr. Sta.
J. R. Smith ..... "
Ch. Engr. J. Griggs..... "
Power sta. equip. 3 d. c. T.-H. tot. 225 kw; 250 hp. e. Miller, Am. (gas); trolley volt. 550 v.
Power sta. and repair shops, Fair Ave.
12 miles; 4-8½ g; 22 motor and 2 other cars. 127

LEBANON. 2,698.
(See No. 810.)

LEETONIA. 2,665.

823—The Youngstown & Ohio River R. R. Co.—Office, Leetonia. (Successor to the Youngstown & Ohio River Ry. & Lt. Co.) (Connects Salem, Washingtonville, Leetonia, where connection is made with the Youngstown & Suburban Ry. Co., Lisbon, West Point and East Liverpool.)
Pres. Chas. S. Thrasher.....Cleveland
*V. Pres., Gen. Mgr. & Pur.
Agt. J. D. Dewees.....Leetonia
Treas. Warren Bicknell.....Cleveland
Audr. & Gen. Pass. Agt.
R. F. Miller..... Leetonia
Supt. Mot. Pwr. A. A. Crawford "
M. M., H. A. Rhoads ..... "
Roadmaster. L. F. Donnelly.... "
Power sta. equip. 2 d. c. Westg. tot. 110 kw; 2 a. c. Westg. tot. 2000 kw. 3 ph. 25 cys; 150 hp. e. Westg; 2000 hp. b. Stir; 3000 hp.

turb. Westg; trans. volt. 22,000 v; trolley volt. 650 v.
Power sta. at West Point; repair shops, Leetonia.
Reaches Youngstown Park System and Park System of E. Liverpool Trac. & Lt. Co.
38 miles; 4-8½ g; 9 motor and 35 other cars, 3 locos. (Furnishes energy to lighting company.) 127

LIMA. 30,508.

824—The Ohio Elec. Ry. Co.—See Springfield for general officers.
Gen. Mgr. H. G. Gilpin.....Lima
Supt. C. C. Fast..... "
Power sta. equip. 2 d. c. McI. & S, West. tot. 775 kw. 550 v; 3 a. c. G. E, McI. & S. tot. 1750 kw. 3 ph. 60 cys; 2650 hp. b. Bab. & W, A. & T.
Power sta. and repair shop, Lima.
147 miles (Ft. Wayne Div. 65 miles, Toledo Div. 72 miles, City Div. 10 miles); 4-8½ g. Company furnishes energy for lighting and does steam heating. 127

825—Western Ohio Ry. Co.—Office, Market St., Lima. (Owns the Lima, Findlay & Toledo Ry.; operates between Findlay, Lima, Wapakoneta, St. Mary's, New Breman, Minster, Celina, Sidney, Piqua, Rawson, Bluffton and Beaverdam; also operates Minster & Loramie Ry.)
Pres. & Gen. Mgr.
F. D. Carpenter..... .....Lima
V. Pres. E. F. Gould.....Cleveland
Sec. & Treas. L. B. Webster..... "
*Audr. E. O. Reed..... "Lima
Supt. Transp. W. B. Page...Wapakoneta
Claim Agts. Goeke & Anderson "
Gen. Traffic Mgr. C. O. Sullivan.....Lima
Pur. Agt. H. L. Boysell..... "
Ch. Engr. Pwr. Sta.
F. B. Mason.....St. Mary's
Supt. Elec. Equip.
H. V. Swinehart.....Wapakoneta
M. M., J. R. Fairchild..... "
Roadmaster, N. Pohlabeln.....Lima
Power sta. equip. 4 a. c. Westg. tot. — kw. 2300 v. 3 ph. 25 cys; 2600 hp. e. Cpr; 4300 hp. b. Stir; 6000 kw. turb. (stm.) West. G. E; trans. volt. 33,000 v; trolley volt. 650 v.
Power sta. at St. Mary's. Repair shop at Wapakoneta.
112 miles: 4-8½ g; 19 motor pass. cars 8 other motor cars and 58 other cars; 1 elec. loco. (Co. does general ltg. & pwr. business.) ★127

LORAIN. 28,883.

826 — The Lorain St. R. R. Co.—(Controlled by Lake Shore Elec. Ry., which see for officers.) (Connects Lorain and Elyria.)
Energy purchased from Lake Shore Elec. Ry. Co.; trans. volt. 18,000 v; trolley volt. 600 v.
Repair shop at So. Lorain.
24.5 miles; 4-8½ g; 21 motor and 3 other cars. 18

LOWELLVILLE. 1,592.

(See No. 856.)

MAGNETIC SPRINGS. 12,155.

(See No. 836.)

MANSFIELD. 20,768.

827—Mansfield Public Service & Utility Co.—Office, Diamond & 3d Sts. (Operates in Mansfield and an interurban line to Shelby.)
Pres. S. N. Ford..... .....Mansfield
V. Pres. F. Hertenstein.....Cincinnati
Sec., Treas., Gen. Mgr. & Pur. Agt.
P. Barnhart..... ..Mansfield
*Actg. Mgr. S. A. Foltz..... "
Audr. F. S. Kelser..... .... "
Supt. Riley Perkins..... "
Ch. Engr.
C. J. Fike, 259 No. Main St., Mansfield
M. M., A. F. Heath..... "
Power sta. equip. 2 d. c. Bull. tot. 1100 kw; 3 a. c. Bull. tot. 1300 kw. 2 ph. 60 cys; 1500 hp. e. Cpr, Allis, Bates; 1500 hp. b. A. & T; 1 rot. conv. Westg. 500 kw; trans. volt. 2300 v; trolley volt. 560 v.
Power sta., Main St. Repair shop at E. 4th St., Mansfield.
Owns Casino Park and theatre.
21.06 miles (including 1½ mile road to Shelby); 4-8½ g; 23 motor and 3 other cars. (Company furnishes light and power.) ★127

MARIETTA. 12,928.

(See No. 1197.)

MARION. 18,232.

(See also No. 800.)

828—The Columbus, Marion & Bucyrus Ry. Co.—Office, Marion. (Connects Marion and Bucyrus.)
*Pres. & Gen. Mgr. Geo. Whysall. Marion
V. Pres. & Treas.
James H. Caldwell.....Troy, N. Y.
Sec. Asst. Treas. & Audr.
Ray C. Oswald.....Marion
Energy from Col. Del. & M. Ry.; trolley volt. 600 v. d. c; repair shop at Marion.
18 miles; 4-8½ g; 2 motor and 4 other cars. 77

MEDWAY. 400.

(See No. 839.)

MIDDLETOWN. 13,152.

829 — The Middletown St. Ry.—Office, Middletown.
*Owner, Isaac Silverman.....Middletown
1 mile (mule); 2 cars and 5 mules. 115

MILFORD, 1,321.

(See Nos. 787 and 790.)

NELSONVILLE. 6,082.

831—The Hocking-Sunday Creek Trac. Co.—Office, 29½ W. Columbus St., Nelsonville. (Connects Nelsonville, Chauncy and Athens.)
Pres. E. B. Young.....Nelsonville
V. Pres. L. H. Price..... "
Sec. John H. Saltz..... "
Treas. M. A. Krieg..... "
Audr. Chas. A. Vorhes..... "
*Gen. Mgr., Pur. Agt. & Ch. Engr.
W. H. Badger..... "
M. M., Alex Dailey..... "
Engr. M. of W. & Ovhd. Constr.
Jas. W. Shafer..... "
Energy purchased from the Hocking Pwr. Co.; 1 rot. set consisting of 2-200 kw. 3 ph. 60 cys. a. c.—600 v. d. c. conv; trolley volt. 1200 v.
Repair shops at Nelsonville.
15.25 miles, 4-8½ g: 4 motor pass. cars and 1 trail pass. car; 4 other cars. (Switch standard freight equipment of Hocking Valley Ry to and from mines.) ★127

NEWARK. 25,404.

(See No. 839.)

NEW PHILADELPHIA. 8,542.

(See No. 785.)

NILES. 8,361.

(See No. 855.)

NORWALK. 7,858.

832 — The Plymouth & Shelby Trac. Co.—Office, Norwalk. (Connects Plymouth and Shelby.) (Controlled by the Sandusky, Norwalk & Mansfield Elec. Ry. Co.)
Receiver. C. G. Taylor.....Norwalk
Energy and equip. from The Sandusky Norwalk & Mansfield Elec. Ry. Co.
6.97 miles; 4-8½ g. ★127

833 — The Sandusky, Norwalk & Mansfield Elec. Ry. Co.—Office, 18 E. Main St., Norwalk. (Connects Norwalk, No. Fairfield, Steuben, New Haven, Plymouth and Chicago Junction.) (Controls Plymouth & Shelby Trac. Co.)

*Receiver, C. G. Taylor.....Norwalk
Audr. Miss. A. E. Busch..... "
Elec. Engr. & M. M.
A. J. Vickery.....No. Fairfield
Roadmaster, John Watts.....New Haven

Energy purchased from Cleveland, Southwestern & Columbus Ry Co; trans. volt. 22,000 v; trolley volt. 650 v.

Repair shops, N. Fairfield.

29.5 miles; 4-8½ g; 4 motor pass. cars and 1 other motor car. ★18

PAINESVILLE. 5,501.

(See No. 851.)

PIQUA. 13,388.

(See Nos. 809 and 853.)

POMEROY. 4,028.

834—The Ohio River Elec. Ry. & Pwr. Co.—Office, Pomeroy. (Owns Pomeroy & Middleport Elec. Co.) (Connects Hobson, Middleport, Pomeroy, Minersville, Syracuse and Racine.)

*Pres., Gen. Mgr. & Pur. Agt.
I. L. Oppenheimer.....Pomeroy
V. Pres. F. W. Bacon,
1416 Chestnut St., Phila., Pa.
Sec. J. K. Trimble " "
Treas. Harry Williams, Jr. " "
Audr. H. D. Brown, Jr.... " "
Claim Agts. { D. Curtis Reed....Pomeroy / M. S. Webster .... "
Supt. & M. M. J. W. Wolfe..... "
Elec. Engr. J. C. Chase..... "
Ch. Engr. Pwr. Sta.
Jas. Greathouse..... "
Roadmaster, H. Swisher.....Middleport
Engr. Ovhd. Const. N. A. Kaspar, Pomeroy

Purchases energy from Pomeroy Salt Association Co.; 2 a. c. mo.-gen. sets, G. E. tot. 300 kw. 2200 v. 3 ph. 60 cys; trans. and trolley volt. 550 v.

Power sta. and repair shop at Pomeroy.

12.7 miles; 4-8½ g; 14 motor pass. cars and 2 other cars; 2 elec. locos. (Freight hauled by elec. locos.) (Co. furnishes energy for street and commercial lighting to Pomeroy & Middleport Elec. Co.) ★127

PORTSMOUTH. 28,000 (1914).

835—The Portsmouth St. R. R. & Lt. Co.—(Controls the Ohio Valley Traction Co. Connects Portsmouth, New Boston, Sciotoville, Wheelersburg and Ironton.)

Pres. L. D. York.....Portsmouth
*V. Pres.. Gen. Mgr. & Pur. Agt.
R. D. York..... "
Sec. & Treas. H. H. Higgins.. "
Claim Agt. H. W. Miller..... "
Ch. & Elec. Engr. W. C. Martin "
Engr. Pwr. Sta. F. Moulten... "
Engr. M. of W., F. Jones..... "
Engr. Ovhd. Constr.
Sam Robb..... "

Power sta. equip. 4 a. c. G. E. tot. 5500 kw. 2300 v. 2 ph. 60 cys; 1500 hp. b. Stir.; trans. volt. 22,000-6600 v; trolley volt 600 v.

Power sta. at New Boston; repair shop at 10th and Offnere Sts.

Owns Millbrook Park.

32.5 miles; 4-8½ g; 26 motor pass. cars, 3 trail pass. cars and 2 other motor cars; 8 other cars; 1 elec. loco. (Company does general lighting and power business.) ★18

RAVENNA. 5,310.

835a—Cleveland, Alliance & Mahoning Valley R. R.—Office, Ravenna. (Extends from Alliance to Limaville, Atwater, Rootstown and Ravenna eastwardly through Charlestown, Wayland, Newton Falls, Leavittsburg and Warren.)

Pres. C. R. Morley.. / V. Pres. & Treas. / J. M. Blatt..... } 756 Hippodrome Annex, Cleveland
Sec. W. H. Heil..... " "
Audr. F. E. Vollman.....Ravenna
*Gen. Mgr., Claim & Pur. Agt.
C. J. Fifer..... "
Supt. Transp. W. E. Riddle.... "
M. M., W. D. Waltz..... "
Engr. Ovhd. Constr. F. P. Caris "

Purchases energy from Stark Elec. R. R.; trans. volt. 22,000 v; trolley volt. 625 v.

Repair shops at Ravenna.

46.5 miles (catenary); 4-8½ g; 8 motor cars and 2 other cars. Sells energy in Limaville. ★127

RICHWOOD. 1,729.

836—Columbus, Magnetic Springs & Northern Ry. Co.—Office, Richwood. (Connects Delaware, Scioto, Magnetic Springs and Richwood.)

Pres. W. M. Galbraith
575 Union Arcade, Pittsburg, Pa.
Sec. Chas. J. Fifer .....Ravenna
Treas. Christopher Magee, Jr.
1109 Berger Bldg., Pittsburg, Pa.
Audr., Gen. Fgt. & Pass. Agt.
Jesse F. Fifer.....Richwood
Gen. Mgr. & Pur. Agt.
George D. Murphy..... "
Claim Agt. H. V. Spicer.....Delaware
Ch. Engr. Pwr. Sta.
W. E. Crawford.....Richwood
Roadmaster, Chas. Boyed..... "
Park Mgr. Ed. Grandstaff..Magnetic Spgs.

Power sta. equip. 1 d. c. G. E. 300 kw; 500 hp. e. Allis-C; 600 hp. b. Stir; trans. volt. 590 v; trolley volt. 590 v.

Power sta. at Scioto River (No P. O.); repair shops at Richwood.

Reaches Magnetic Springs (owned).

18.5 miles; 4-8½ g; 2 motor pass. cars and 9 other cars. ★127

SANDUSKY. 19,989.

837 — The Sandusky, Fremont & Southern Ry. Co.—Executive office, Cleveland. General office, Sandusky. (Connects Sandusky and Fremont.) (Controlled by Lake Shore Elec. Ry., which see for officers.)

Energy purchased; trans. volt. 18,000 v; trolley volt. 600 v.

22 miles; 4-8½ g; 10 motor and 8 other cars. 18

SOUTH CHARLESTON. 1,181.

838—The Springfield & Washington Ry. Co.—Office, So. Charleston, O. (Successor to the Washington Trac. Co.) (Connects Springfield and South Charleston.)

Pres. C. E. Baker.....Washington C. H
V. Pres. W. W. Keifer.....Springfield
Sec. C. J. Baughn.....So. Charleston
*Treas. & Gen. Mgr.
Floyd Baker..... "
Audr. C. F. Wheeler..... "
Ch. Engr. Pwr. Sta. & M. M., F. Keeler.....Pitchin
Roadmaster. J. H. Lowery, So. Charleston

Purchases energy from Springfield & Xenia Ry. Co.; 1 a. c. G. E. 300 kw. 370 v. 3 ph. 25 cys; trans. volt. 6600 v; trolley volt. 650 v.

Repair shops. Pitchin (P. O. Springfield.)

15 miles; 4-8½ g; 4 motor and 2 other cars. 67

SPRINGFIELD. 60,000.

839—The Ohio Elec. Ry. Co.—Offices, Interurban Bldg., Springfield. (Operates through ownership the Lima & Toledo Trac. Co., (operating between Lima & Toledo) and the Lima Elec. Ry. & Lt. Co. (which operates in Lima), and leases The Ft. Wayne, Van Wert & Lima

Trac. Co. (operating between Lima and Ft. Wayne, Ind.). Leases the Cincinnati, Dayton & Toledo Trac. Co., running from Cincinnati to Dayton, including the branches to Germantown, Mt. Healthy and College Hill.) Also acquired by lease the Indiana, Columbus & Eastern Trac. Co., which had acquired the Dayton, Springfield & Urbana Elec. Ry. Co., The Columbus, London & Springfield Ry. Co., The Columbus Grove City & Southwestern Ry. Co., The Urbana, Bellefontaine & Northern Ry. Co., The Springfield & Western Ry., The Dayton & Northern Trac. Co., and about 12 miles of The Dayton & Muncie Trac. Co., from Greenville to Union City on the Indiana-Ohio state line, and the Columbus & Lake Michigan R. R. operating from Lima to Defiance. Lessee (through Indiana, Columbus & Eastern Trac. Co.) of the Columbus, Newark & Zanesville Elec. Ry. Co., (which had previously absorbed the Columbus, Buckeye Lake & Newark Traction Co., the Newark & Granville St. Ry. and the Zanesville Ry., Lt. & Pwr. Co.) and the Dayton & Western Trac. Co.) Lines extend from Zanesville on the east via Newark to Columbus, through Springfield to Dayton, and from Dayton to Union City, where connection is made with The Indiana Union Trac. Co. for Muncie, Anderson and Indianapolis, and from Dayton to Richmond, where connection is made with The Terre Haute, Indianapolis & Eastern Trac. Co. for Indianapolis. Extends north from Springfield through Urbana and Bellefontaine to Lima, and from Lima to Defiance; to Toledo, O. and Ft. Wayne, Ind., also from Dayton to Cincinnati, including the Germantown, Mt. Healthy and College Hill branches).

Pres. W. Kesley Schoepf.....Cincinnati
V. Pres. Dana Stevens.....Springfield
*Sec. & Treas. F. A. Healy.... "
Asst. Sec., Asst. Treas. & Pur. Agt. J. M. Pogue..... "
Audr. E. L. Kasemeier..... "
Gen. Mgr. H. G. Gilpin..... "
Gen. Fgt. & Pass. Agt. W. S. Whitney..... "
Claim Agt. J. M. Boyer.....Columbus
Supts. { C. C. Fast.....Lima
F. J. Moore.....Columbus
G. D. Nicoll.....Dayton
Asst. Supt. W. L. Clayton ....Springfield
Supt. City Ry. & Ltg. G. H. Ahlborn, Zanesville
Ch. Engr. J. H. Sundmaker....Springfield
Elec. Engr. M. J. Kehoe..... "
M. M. F. J. Foote .....Columbus

MEDWAY PWR. STA.—5 a. c. G. E. West. Ham. Cor.. tot. 5350 kw. 3 ph. 25 cys; 3825 hp. b. Bab. & W; trans. volt. 24,600 v; trolley volt. 550 v.

HEBRON PWR. STA.—3 a. c. G. E. tot. 3100 kw. 13,200 v .3 ph. 25 cys; 3200 hp. e. Ham; 2600 hp. b. Bab. & W. Stir; trans. volt. 13,200 v; trolley volt. 650 v.

ZANESVILLE PWR. STA.—5 a. c. G. E, West. tot. 2750 kw. 2300 v. 3 ph. 60 cys; 1500 hp. b. Heine, A. & T.

LINDENWALD PWR. STA.—4 a. c. West. tot. 5250 kw. 375 v. 3 ph. 25 cys; 4000 hp. b. Bab.& W; trans. volt. 33,000 v.

Power stas. at Medway, Hebron, Zanesville, Lindenwald and Lima.

Repair shops at Dwyers, Columbus, Medway, Newark, Zanesville, Brookville, W. Alexandria, Trenton, O'Neils, Lindenwald and Lima.

Reaches parks at Buckeye Lake, Lindenwald, Tecumseh, Cedar Springs (New Paris), Glen Miller (Richmond), Hoover Lake (Lima), Idlewild (Newark), Gant (Zanesville), Lewiston Reservoir, Lake View.

617.4 miles controlled and operated; 880 cars. (Company does ltg. and pwr. business.) ★127

840—Springfield Ry. Co.—Office, 44 So. Limestone St. (Consolidation of the Springfield Electric Ry. Co. and Citizens Ry. Co.) (Controlled by American Rys. Co., Witherspoon Bldg., Philadelphia, Pa.)

Pres. Paul C. Martin.....Springfield
V. Prests. { H. J. Crowley.....Phila., Pa.
C. L. S. Tingley... "
Sec. & Treas. W. W. Perkins. "
Asst. Sec. Asst. Treas. & Compt. Frank J. Pryor, Jr.. "
Gen. Mgr. Geo. C. Towle.....Dayton
Supt. & Claim Agt. E. B. Gunn.....Springfield
Pur. Agt. G. C. Welrick.....Phila., Pa.
Ch. Engr. Pwr. Sta. G. C. Chadderdon Springfield
Roadmaster, Jno Clark..... "
Cashier, W. A. Gillen..... "

Power sta. equip. 4 d. c. G. E. C. W. tot. 1950 kw; 2900 hp. e. Mcl. & S, Allis-C; 2100 hp. b. Bab. & W. (Stir.); trans. and trolley volt. 550 v.

Power sta. at Sycamore & Warder Sts. 30.098 miles; 4-g; 80 motor cars. ★127

841—Springfield Term. Ry. & Pwr. Co.—Office, 408-409 Bushnell Bldg. (Successor to Springfield, Troy & Piqua Ry. Co.) (Connects Springfield, Lawrenceville, North Hampton, Dalton, Christiansburg, Casstown and Troy.)

*Pres., Treas. Gen. Mgr., Claim & Pur. Agt. Fred J. Green ....Springfield
V. Pres. Jno. L. Bushnell .... "
Sec. & Audr. Gus A. Kohler.. "
Gen. Fgt. Agt. Jno. H. Zimmerman "
Ch. Engr. Pwr. Sta. H. W. Ginevan..... "
Engr. M. of W., Harry Robson "

Power sta. equip. 2 d. c. G. E. tot. 1080 kw; 1700 hp. e. Cpr; 1200 hp. b. Bab. & W; trans. volt. 26,400 v; trolley volt. 575 v.

Power sta. and repair shops at Springfield.

Reaches Snyder Park.

30.41 miles; 4-8½ g; 9 motor cars. Furnishes light and power. 127

842—Springfield & Xenia Ry. Co.—Ex. Office. Springfield. (Connects Springfield, Yellow Springs and Xenia.)

Pres. Warren Bicknell.....Cleveland
V. Pres. G. A. Coulton..... "
Sec. & Treas. Chas. S. Thrasher. "
*Audr., Supt. & Pur. Agt. J. F. Egolf .....Springfield
M. M. Clyde Bowser..... "
Engr. M. of W. D. Devine, Yellow Springs
Engr. Ovhd. Constr. Art Haynes.....Springfield

Energy purchased from Springfield Term. Ry. & Pwr. Co.; trans. volt. 6600 v; trolley volt. 650 v.

Repair shop at Emery Chapel.

Reaches Neff Grounds, Park.

20 miles; 4-8½ g; 5 motor cars and 1 other car. (Co. sells energy to rys.) ★127

STEUBENVILLE. 22,391.

(See Nos. 815, 1202 and 1206.)

TIFFIN. 11,894.

846—The Tiffin, Fostoria & Eastern Elec. Ry. Co.—Office, 54 E. Perry St. (Connects Tiffin, Bascom and Fostoria. Controls Tiffin city lines.)

Pres. & Treas. L. S. Sneath.....Tiffin
V. Pres. Justice Wilson.....Toledo
Sec. & Asst. Gen. Mgr. S. B. Sneath 2nd.....Tiffin
*Gen. Mgr. R. R. Hayes..... "
Supt. & Pur. Agt. Al Kaup..... "
Ch. Engr. & M. M., R. Kingseed..... "
Roadmaster, C. Roush.....Fostoria
Park { Dan Colvin.....Bascom
Mgrs. { George Brickner.....Tiffin

Power sta. equip. 3 d. c. Card. G. E. tot. 1000 kw; 1000 hp. e. Brnl; Am. British; 500 hp. b. Brnl; trans. volt. 600 v.

Power sta. and repair shop at Bascom, O.
Owns and operates amusement parks at Tiffin and Bascom, O.
21 miles; 5-8½ g; 18 motor and 9 other cars. (All cars carry baggage and express.) ★127

TIPPECANOE. 2,088.
(See No. 809.)

TOLEDO. 168,497.
(See also Nos. 473, 478, 799, 816 and 819.)

847—Maumee Valley Rys. & Lt. Co.—Office, Cor. Adams & Superior Sts., Toledo. (A consolidation of the Toledo & Maumee Valley Ry. and the Toledo, Waterville & Southern Ry.) Belt Line—connects Toledo and Perrysburg. (Controlled by the Toledo Trac., Lt. & Pwr. Co., which is controlled by the Cities Service Co.)
Pres. Frank R. Coates.....Toledo
Sec. & Treas. A. C. Van Dreisen... "
Audr. H. T. Ledbetter..... "
Purchases energy from Toledo Rys. & Lt. Co.
Repair shop at Perrysburg.
28.33 miles (8.4 miles operated under trackage rights); 4-8½ g; 8 passenger cars and 1 fgt. car. ★18

848 — Northwestern Ohio Ry. & Pwr. Co.—Office, Ohio Bldg. (Connects Toledo, Genoa, Port Clinton and Oak Harbor; ferry connection for Cedar Point and Sandusky.) (Under management of W. S. Barstow Management Ass'n, Inc. and controlled by The General Gas & Elec. Co.)
Pres. W. S Barstow..... } 50 Pine St.,
V. Pres. J. B. Taylor..... } New York,
Sec. C. N. Wilson..... } N. Y.
Treas. O. C. Swenson..... }
Audr. E. H. Rechberger.....Toledo
Gen. Mgr. E. A. Burrill..... "
Supt. Perry R. McComas.....Genoa
Engr. Pwr. Sta. Fred Bredlan, Port Clinton
Power sta. equip; 3 a. c. Bull. G E. tot. 3900 kw. 375 v. 3 ph. 25 cys; 2000 hp. e. Allis-C; 2600 hp. b. Erie. Stir; 2000 kw. (stm.) turb. G. E; trans. volt. 20,000 v; trolley volt. 600 v.
Power sta. at Port Clinton; repair shop at Genoa.
Reaches Cedar Point and Sandusky.
57 miles; 4-8½ g; 10 motor and 20 other cars. (Company does lighting and power business.) ★18

849—The Toledo & Indiana R. R. Co.—Office, 408 Superior St., Toledo. (Successor to Toledo & Indiana Trac. Co.) (Connects Toledo, Inverness, Holland, Swanton, Delta, Wauseon, Pettisville, Archbold, Stryker and Bryan.)
Pres. D. D. Schenck
1112 Nicholas Bldg., Toledo
V. Pres. S. D. Carr,
Nat. B'k. of Com., "
Sec. C. F. Chapman,
1002 Ohio Bldg., "
Treas. L. R. Schenck
1112 Nicholas Bldg., "
Audr. Gen. Fgt. & Pass. Agt.
C. B. Kleinhaus, 408 Superior St., "
*Gen. Mgr., Pur & Claim Agt.
H. C. Warren, 408 Superior St., "
Trainmaster, B. D. Gavin.....Delta
Ch. Engr. L. A. Boulay Co.
1250 Nicholas Bldg., Toledo
Elec. Engr. Fraelich Emery Eng'rg Co.
412 2nd Nat. Bank Bldg., Toledo
Engr. Pwr. Sta. Chas. Scheer....Stryker
M. M.. John Westby..... "
Power sta. equip. 2 a. c. G. E. tot. 1200 kw. 13,200 v. 3 ph. 25 cys; 2000 hp. e. Cpr. C. & G; 2400 hp. b. Bab. & W; 2750 kw. turb. (stm.) G. E., West; trans. volt. 13,200 v; trolley volt. 600 v.
Power sta. and repair shops at Stryker.
53 miles; 4-8½ g; 9 motor pass. cars, 6 other motor cars and 15 other cars; 1 elec. loco. Does general ltg. & pwr. business. ★127

850 — The Toledo, Ottawa Beach & Northern Ry. Co.—Office, Smith & Baker Bldg., Toledo. (Connects Toledo Point Place and Toledo Beach, Mich.) (Controlled by the Toledo Trac., Lt. & Pwr. Co., which is controlled by the Cities Service Co.)
Pres. & Gen. Mgr. F.R.Coates....Toledo
Sec. & Treas. A. C. Van Driesen.. "
Purchases energy from Toledo Rys. & Lt. Co.
Repair shops, Toledo.
Owns and reaches Toledo Beach, Mich.
26.59 miles (9.84 miles operated under trackage rights); 4-8½ g; 2 cars in winter and 50 cars in summer ★18

851 — Toledo Railways & Light Co.—Office, Smith & Baker Bldg. (Successor to Toledo Trac. Co., and connects all street railways in Toledo.) (Controlled through stock ownership by the Toledo Trac., Lt. & Pwr. Co. which is controlled by the Cities Service Co.) (Operated, under contract, by Henry L. Doherty & Co.)
Pres. F. R. Coates.....Toledo
V. Prests. } F.W. Fruesuff.. } 60 Wall St.
} Rathbun Fuller. } New York
Sec. A. C. Van Driesen.....Toledo
Treas. S. D. Carr..... "
Audr. H. T. Ledbetter..... "
Mgr. Rys., Jos. M. Enright..... "
Claim Agt. V. J. Waltz..... "
Traffic Mgr. W. J. Chisholm..... "
Pur. Agt. W. H. Torrey..... "
Mgr. Lt. Ht. & Pwr. F. J. Derge.. "
Supt. Elec. Dept. Wm. E. Richards "
Supt. of Machy. Wm. Long..... "
Ry. Engr. H. H. Ross..... "
Elec. Engr. Geo. W. Saathoff..... "
Engr. M. of Way, P. H. Farrell.... "
M. M., C. A. Brown . ... "
Power sta. equip. 5 d. c. G. E. Westg. tot. 4850 kw; 2 a. c. turbo-gen. G. E, Westg, Allis-C. tot. 61,580 kw. 4000 v. 3 ph. 25 & 60 cys; 7100 hp. e. Allis-C, Whlk, Cor; 25,156 hp. b. Heine, Stir, McNaul; trans. volt. 2800-4000-13,200-33,000 v; trolley volt. 550-600 v.
Power stas. Water St. bet. Madison & Adams Sts. and Floyd St., 22nd St. & Detroit Ave., Toledo; repair shops, Central Ave.
Reaches Toledo Beach (owned) and Walbridge, Central & Navarre Parks.
111.8 miles: 4-8½ g; 269 motor and 25 other cars. (Co. does general ltg. business and sells energy to ry. companies.) ★18

852—Toledo & Western R. R. Co.—Gen. Office, Toledo. (Successor to Toledo, Fayette & Western Ry. and Toledo, Adrian & Jackson Ry.) (Connects Toledo, Pioneer via Morenci, Mich., with branch to Adrian, Mich.) (Controlled by Toledo Trac., Lt. & Pwr. Co., which is controlled by the Cities Service Co.)
Pres. & Gen. Mgr. Frank R. Coates..Toledo
V. Pres. (In charge of operation).
A. Swartz.....Sylvania
Sec. & Treas. A. C. Van Driesen...Toledo
Traffic Mgr. W. J. Chisholm.....Sylvania
Claim Agt. V. J. Waltz.....Toledo
Fgt. Claim Agt. C. C. Cash..... "
Trav'lg. Fgt. & Pass. Agt.
E. C. Howard..... "
Car Accnt. F. H. Young.....Sylvania
Roadmaster, J. S. Deiter..... "
M. M., P. W. Peugeot..... "
Power sta. equip. 3 a. c. G. E. tot. 1350 kw. 13,200 v. 3 ph. 25 cys; 2000 hp. e. Rus; 1000 hp. b. Stir; trans. volt. 13,200 v; trolley volt. 600 v; energy also purchased from Toledo Rys. & Lt. Co.
Power sta. at Sylvania; repair shops at Sylvania and Toledo.
96.93 miles (9.14 miles operated under trackage rights); 4-8½ g; 18 motor and

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113 other cars and 5 elec. locos. (Furnishes energy for lighting and power.) ★18

TOBONTO. 4,971.
(See No. 843.)

URBANA. 7,739.
(See No. 839.)

WELLSVILLE. 7,769.
(See No. 815.)

WEST MILTON. 1,207.

853 — The Dayton, Covington & Piqua Traction Co.—Auditing office; 526 John Hancock Bldg., Boston, Mass., local office, West Milton. (Connects Dayton, Piqua, Covington, W. Milton, Pleasant Hill, Ludlow Falls, Union, Englewood and Overlook Park.)
Pres. Dennis Dwyer, Schwind Bldg., Dayton
V. Pres. Sec. & Gen. Mgr.

Treas. Geo. E. Whiting....Boston, Mass.
*Gen. Supt. & Pur. Agt.
Thos. J. Brennan.....W. Milton
Gen. Fgt. & Pass Agt.
Jas R. Randall..... "
Ch. Engr. Pwr. Sta.
L. A. Wolf..... "
M. M. Frank Cress..... "
Engr. of Ovhd. Constr.
Wm. Eby..... "
Pwr. sta. equip. 2 d. c. G. E. tot. 300 kw. 600 v; 500 hp. e. Bckye; 625 hp. b. Hodges, Brnl; trolley volt. 600 v.
Power sta. and repair shop at West Milton.
Owns Overlook Park, West Milton.
34.5 miles; 4-8½ g; 12 motor and 7 other cars. (Co. does lighting business.) ★18

WILLOUGHBY. 2,072.

854 — Cleveland, Painesville & Eastern R. R. Co.—Office, Willoughby. (Connects Cleveland, Euclid, Wickliffe, Willoughby, Mentor, Painesville, Nottingham, Fairport, Perry, Madison, Geneva and Ashtabula.)
Pres. E. W. Moore.....Cleveland
*V. Pres., Gen. Mgr. & Pur. Agt.
W. H. Douglas.....Willoughby
Sec. Fred. S. Borton..... ....Cleveland
Treas. E. V. Hale..... "
Asst. Sec. & Asst. Treas.
J. P. Witt..... "
Andr. J. A. Currie.....Willoughby
Gen. Supt. W. H. Douglas.... "
Supt. Transpt. A. C. Flint.... "
Supt. Lines, C. Hill..... "
Claim Agt. J. H. Shaw..... "
Ch. Engr. Pwr. Sta.
Fred Lyons.....Painesville
M. M., Ed. Hengst.....Willoughby
Roadmaster, L. J. Rider..... "

PAINESVILLE PWR. STA. EQUIP.—2 a. c. G. E. tot. 720 kw. 6600 v. 3 ph. 25 cys; 900 hp. e. Cpr; 2300 hp. b. Sterling; 1000 kw. (stm.) turb. Westg; trans. volt. 23,200 v; trolley volt. 625 v.
Power sta., Painesville; repair shop at Willoughby.
Reaches and owns Willoughbeach Park.
68 miles; 4-8½ g; 52 motor and 2 other cars. ★127

YOUNGSTOWN. 110,000 (1914).
(See also Nos. 964 and 965.)

855—Mahoning & Shenango Ry. & Lt. Co.—Office, Youngstown. (Controls New Castle Elec. Co., New Castle Elec. St. Ry. Co. (leased), The New Castle & Lowell Ry. Co., New Castle & Lowell Realty Co., New Castle & Mahoningtown St. Ry. Co. (leased), New Castle Trac. Co. (leased), Pennsylvania & Mahoning Valley Ry. Co., The Sharon & New Castle Ry. Co. (Ohio), Sharon & New Castle St. Ry. Co. (Pa.), The Shenango Valley Elec. Lt. Co., Pennsylvania Pwr. Co., and Youngstown & Niles Ry. (under construction.) Operates Zellenople (Pa.) Lt. & Pwr. Co.) (The properties consist of street and interurban lines in Youngstown, Girard, Niles, Mineral Ridge, Warren, Leavittsburg, Struthers, Lowellville, Edenburg, New Castle, Hubbard, New Bedford, Sharon, Sharpsville, Farrell, Wheatland, West Middlesex, E. Youngstown and Poland comprising a total of 171 miles of track; and electric lighting in Youngstown, Girard, Struthers, New Castle, Hubbard, Sharon, Sharpsville, Farrell, Wheatland, East Youngstown, Ellwood City, Wampum, Chewton, Zellenople and West Pittsburgh, Pa. Also owns gas plants in Youngstown.) (Controlled through stock ownership by Republic Ry. & Lt. Co.) (On Sept. 1, 1917, the following companies, formerly controlled, were merged: The Youngstown & Sharon St. Ry. Co., The Youngstown Park & Falls St. Ry. Co., The Mahogany Valley Ry. Co. and The Poland St. Ry. Co.)
Pres. R. P. Stevens, 60 Broadway, New York, N. Y.
V. Prests. Geo. A. Galliver, 60 Broadway, New York, N. Y.; Randall Montgomery, Youngstown
Sec. & Gen. Counsel, Wm. M. Coleman 60 Broadway, New York, N. Y.
*Asst. Sec. & Audr.
A. E. Dedrick.....Youngstown
Treas. E. G. Dunlap..... "
Asst. Treas. A. R. Hughes... "
Gen. Mgr. R. T. Sullivan.... "
Mgr. Rys. R. N. Graham.... "
Mgr. Lt. & Pwr. E. H. Beil... "
Asst. Gen. Mgr.
J. B. Stewart, Jr..... "
Claim Agt. R. D. Billings.... "
Pur. Agt. R. J. Pike..... "
Supt. Transpt.
C. D. Smith..... "
Traffic Agt. R. Moses..... "
Elec. Engr. C. A. Harrington "
Engr. Pwr. Prod.
H. W. Bromley..... "
M. M., J. A. Duffy..... "
Engr. M. of W., C. C. Beckman "
Park Mgr. R. E. Platt..... "
Pwr. sta. equip. 2 d. c. G. E. tot. 1000 kw; 7 a. c. West. G. E. tot. 41,000 kw. 2200 v. 2 & 3 ph. 60 cys; 2700 hp. e. Green Wheelock; 40,000 kw. turb. (stm.) G. E, West; 15,160 hp. b. Bab. & W. Heine. Edge.
Power stas. at Lowellville and Youngstown; sub-stas. at Niles, Hubbard, Lowellville and Youngstown, O., and New Castle and Sharon, Pa.; repair shops at Hazelton and Masury; trans. volt. 22,000 & 66,000 v; trolley volt. 600 v.
Reaches Idora Park (owned), South Side and Mill Creek Parks, and Cascade Park, Newcastle, Pa.
145 miles; 4-8½ g; 252 motor pass. cars, 15 trail pass. cars and 37 other motor cars; 12 other cars. ★127

860—Youngstown & Suburban Ry. Co.—Office, 21-23 E. Front St. (Successor to Youngstown & Southern Ry. Co.) (Connects Youngstown and Leetonia; at Leetonia, connects with Youngstown & Ohio River R. R. for Salem, Canton, Alliance, Lisbon, East Liverpool and Washingtonville.) (Controlled by Municipal Service Co., Philadelphia, Pa.)
Pres. David Tod.....Youngstown
V. Pres. L. N. Freeman, 50 Congress St., Boston, Mass.
V. Pres. (Chge. Oper.)
J. H. McClure.....Youngstown

Sec. Treas. & Audr.
W. F. Bass.....Youngstown
Gen. Mgr. A. W. Hartford... "
M. M., H. H. Gaver..... "
Energy purchased from Y. & O. R. R. R. Co. trans. volt. 22,000 v; trolley volt. 650 v.
Repair shops, Youngstown.
Reaches Southern Park and Race Track (owned).
38.18 miles; 4-8½ g; 9 motor and 10 other cars. ★107j

861—Republic Ry. & Lt. Co.—Corporate office, 15 Exchange Pl., Jersey City, N. J. (Owns directly the Zelienople (Pa.) Lt. & Pwr. Co. Controls through stock ownership the Mahoning & Shenango Ry. & Lt. Co., which operates the Zelienople Lt. & Pwr. Co. and owns and controls directly the following companies: New Castle Elec. Co., New Castle Elec. St. Ry. Co., The New Castle & Lowell Ry. Co., New Castle & Lowell Realty Co., New Castle & Mahoningtown St. Ry. Co., New Castle Trac. Co., Pennsylvania & Mahoning Valley Ry. Co., The Sharon & New Castle Ry. Co. (Ohio), Sharon & New Castle St. Ry. Co. (Pa.), The Shenango Valley Elec. Lt. Co., Pennsylvania Pwr. Co. and Youngstown & Niles Ry.)
Pres. } 60 Broadway,
Harrison Williams ... } New York, N. Y.
V. Prests. { *Gen. Counsel.
Wm. M. Coleman. " "
R. P. Stevens..... " "
Sec. & Treas. E. W. Freeman.. " "
Asst. Sec. & Treas. L. J. Hart.. " "
★18

ZANESVILLE. 28,026.

862—Southeastern Ohio Ry. Co.—Office, 129 N. 4th St. (Successor to The Southeastern Ohio Ry. Lt. & Pwr. Co.) (Connects Zanesville, Roseville and Crooksville.)
*Pres. S. W. Harper...Wheeling, W. Va.
V. Pres. & Gen. Mgr.
W. A. Wilson .....Zanesville
Treas. & Audr. Wm. H. Nelkirk "
Ch. Engr. E. Davis..... "
Engr. Overhd. Constr.
N. J. Simons..... "
Power sta. equip. 2 d. c. Westg. tot. 1200 kw; 1 a. c. We-t. 500 kw. 11,000 v. 3 ph. 60 cys; —— hp. e. H. O. & R; 1200 hp. b. Geary; trans. volt. 11,000 v; trolley volt. 550 v. d. c.
Power sta. at Elizabeth (no P. O.); repair shops. Avondale.
Controls Maxahala Park and reaches Beechwood Park.
16 miles; 4-8½ g: 12 motor and 7 other cars. (Co. sells energy for lighting and power.) 127

OKLAHOMA.

ARDMORE. 20,000 (1916).

863—Ardmore Railway Co.—Office, 213 West Main St. (Successor to Ardmore Elec. Ry.)
Pres. Edward Galt.....Ardmore
V. Prests. } Wirt Franklin..... "
S. A. Apple..... "
*Sec. & Gen. Mgr. I. M. Putnam "
Treas. Roy M. Johnson..... "
Audr. O. C. Lasher..... "
Supt. W. A. Battle..... "
Ch. Engr. J. A. Greene..... "
Elec. Engr. J. J. Rice ..... "
Energy purchased from Consumers Lt. & Pwr. Co.
Repair shops, Ardmore.
Owns Electric Park.
5 miles; 4-8½ g; 5 motor pass. cars. ★18

BARTLESVILLE. 20,000 (1915).

864—Bartlesville Inter-Urban Ry. Co.—Office, 218 East 3d St., Bartlesville. (Controlled by Cities Service Co., New York, N. Y.) (Connects Bartlesville and Dewey.)
Pres. Henry L. Doherty.... } 60 Wall St.,
1st V. Pres. } New York,
Frank W. Frueauff } N. Y.
2d V. Pres. & Gen. Mgr.
W. H. Merritt ..... Bartlesville
Sec. & Treas. L. A. Ramsey... "
Gen. Supt. E. E. Armstrong.. "
Engr. Pwr. Sta. & M. M.
Chas. C. Ditto,
East End 4th St., "
Power sta. equip. 3 d. c. G. E. Allis-C. tot. 625 kw; 2 a. c. Allis-C. tot. 925 kw. 2300 v. 3 ph. 60 cys; 1200 hp. e. Allis-C; 1535 hp. b. Bab. & W; 500 kw. turb. Allis-C; trans. volt. 2300 & 6600 v; trolley volt. 550 v.
Power sta. and repair shops at Bartlesville.
10.1 miles; 4-8½ g; 8 motor cars and 1 other car. (Does ltg. and pwr. business in Bartlesville and Dewey.) ★18

CHICKASHA. 10,320

865—Chickasha St. Ry. Co.—Office Chickasha. (Connects Chickasha with adjacent towns in Grady County.)
Pres. Lawrence Martin.....Chickasha
V. Pres. W. R. Emerson
Wakefield, Mass.
*Sec., Asst. Treas. Pur. Agt., Supt. & Claim Agt. Wm. H. Wadsworth
Chickasha
Treas. & Gen. Mgr.
Chas. F. Woodward...Wakefield, Mass.
Park Mgr. Ben. F. Johnson ...Chickasha
Power sta. equip. 1 d. c. G. E. 75 kw; 1 a. c. West. 200 kw. 2300 v. 3 ph. 60 cys; trolley volt. 600 v.
Repair shops, 19th St. and Dakota Ave.
Reaches University Park.
6.5 miles; 4-8½ g; 6 motor cars. ★127

EL RENO. 7,872.

(See No. 873.)

ENID. 13,799.

866—Enid City Ry.—Office, 1001 Schwind Bldg., Dayton, O.
Pres. & Gen. Mgr. C. H. Bosler
1001 Schwind Bldg., Dayton, O.
V. Pres. E. T. Hall
702 Commercial Bldg., "
Sec. S. M. Krohn " "
Treas. A. H. Reeder
129 N. Jefferson St., "
Audr. Hattie E. Parker.....Enid
*Supt., Claim & Pur. Agt. C. Kline. "
M. M. & Engr. Ovhd. Constr.
G. R. Lusher..... "
Purchases energy from Enid Elec. & Gas Co.
Repair shops West Oklahoma Ave.
Reaches University Park.
6.92 miles; 4-8½ g; 10 motor and 6 other cars. 67

GUTHRIE. 11,654.

867—The Guthrie Ry. Co.—Office, 218 W. Oklahoma Ave., Guthrie. (Controlled by Oklahoma Ry. Co.)
Pres. Geo. H. Brauer.....Oklahoma City
V. Pres. John W. Shartel.. "
Sec. Chas. Hoopes..... "
Treas. & Audr.
E. J. Richart..... "
Claim Agt. Geo. W. Struble "
Pur. Agt. J. W. Hartman.....Guthrie
Supt. H. M. Gobble..... "
Asst. Supt. W. M. Partridge..... "
M. M., E. H. Cross..... "
Energy purchased from Public Service Co.; repair shops at Guthrie.
Reaches Highland and Mineral Wells Parks.
6.5 miles; 4-8½ g; 9 cars. 57

LAWTON. 7,788.

868 Lawton Ry. & Ltg. Co.—Office, Lawton. (Connects Lawton & Fort Sill.)
*Pres. B. R. Stephens.....Lawton
V. Pres., Sec. & Treas.
B. E. Tabler..... "
Supt. Mot. Pwr. & Equip.
M. Plunkett..... "
M. M., L. T. Rosier..... "
Pwr. sta. equip. 2 d. c. G. E. West. tot. 250 kw; 350 hp. e. Bckye; 350 hp. b. Ruemmell; trolley volt. 600 v.
Power sta. and repair shops at Lawton.
6 miles; 4-8½ g; 7 motor pass. cars. ★127

McALESTER. 12,954.

869—Pittsburgh County Ry. Co.—Office, 26 E. Choctaw Ave. (Has taken over railway property of Choctaw Ry. & Ltg. Co.) (Connects McAlester, No. McAlester, Krebs, Alderson, Bache, Dow, Haileyville and Hartshorne.)
Pres. Chas. N. Mason,
71 B'way, New York, N. Y.
V. Pres. Julius A. Trawick
Ames Bldg., Boston, Mass.
Sec. & Treas. S. M. Bachman
71 B'way, New York, N. Y.
Audr. E. A. Rooney.....McAlester
*Gen. Mgr. & Pur. Agt.
W. H. Vorce..... "
Claim Agt. and Trainmaster
G. W. Baker..... "
Gen. Fgt. & Pass. Agt.
C. W. Bridges..... "
Supt. Lee Boyer..... "
Roadmaster, J. M. Putnam..... "
Purchases energy from Choctaw Pwr. & Lt. Co.; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shop at McAlester.
Reaches and owns San Souci, McAlester.
24.43 miles; 4-8½ g; 10 motor pass. cars, 2 other motor cars and 5 other cars. ★127

MUSKOGEE. 25,278.

870—Muskogee Electric Trac. Co.—Office, Muskogee. (Connects Bacone, Muskogee and Ft. Gibson.)
Pres. R. D. Benson
11 B'way, New York, N. Y.
V. Pres. W. S. Benson... " "
*Sec. & Treas. W. M. Cutlip....Muskogee
Audr. Chas. E. Forsdick,
11 B'way, New York, N. Y.
Mgr. & Pur. Agt. —— —— ....Muskogee
M. M., L. Lyons..... "
Purchases energy from Muskogee Gas & Elec. Co.
Repair shops at Muskogee.
Reaches and owns Hyde Park.
31 miles; 4-8½ g; 35 motor and 2 other cars. ★87j

NOWATA. 3,672.

(See No. 880.)

OKLAHOMA CITY. 100,000. (1917.)

871—Capital Traction Co.—Office, 100½ No. Broadway, P. O. Box 424, Oklahoma City. (Operates Citizen's Trac. Co. which was organized as a consolidation of the lines of the Okla. City Land & Development Co. and the Okla. Interurban Trac. Co.)
*Pres. & Gen. Mgr. W. F. Harn
Oklahoma City
1st V. Pres. H. S. Hurst.... "
2d V. Pres. D. M. Wilson.. "
Sec. S. A. V. Howell..... "
Treas. Jno. F. Winans..... "
Supt. Geo. U. Harn, Jr.
22nd St. & Santa Fe Ave. "
Power sta. equip; 1 d. c. Ft. W. 150 kw; 1 e. (gas) I. H. Co; trolley volt. 550 v. Also purchases energy from Okla. Ry. Co.
Power sta. and repair shops at 22d St. & Santa Fe Ave.
Reaches North East Lake, State Capitol and park owned by city.
4 miles; 4-8½ g; 2 motor pass. cars and 2 other cars. ★127

878—Oklahoma Ry. Co.—Office, 209 Terminal Bldg. (Controls The Guthrie Railway Co., Okla. City & Suburban Ry. Co. and Norman Interurban Ry. Co.) (Operates in Oklahoma City and El Reno; also interurban lines connecting Oklahoma City, Yukon, El Reno, Britton, Edmond, Guthrie, Moore, Putman, Bethany, Banner and Norman.) (On Jan. 1, 1917, The North Canadian Valley Ry. was taken over.)
*Pres. Anton H. Classen..... } Okla.
V. Pres. & Gen. Mgr. } City
John W. Shartel..... }
Sec. & Audr. Chas. Hoopes..... "
Treas. E. J. Richart..... "
Audr. W. C. Jones..... "
Asst. Gen. Mgr. (Chg. Traffic & Transp.) J. J. Johnson..... "
Asst. Gen. Mgr. (Chg. Engrg.)
G. B. Treat..... "
Pur. Agt. R. R. Evans..... "
Claim Agt. Geo. W. Struble..... "
Fgt. & Pass. Agt. W. J. House..... "
Ch. Engr. Pwr. Sta. W. A. Fulgraf.. "
M. M., W. E. Voss..... "
Roadmaster, M. Cummings..... "
Engr. of Ovhd. Constr. Wm Hahn.. "
Power sta. equip. 3 a. c. Westg. G. E. tot. 4250 kw. 3 ph. 25 and 60 cys; 1500 hp. e. F. & S; 2400 hp. b. Bab. & W; 3360 kw. stm. turb. Curtis, Parsons; trans. volt. 16,500 & 6600 v; trolley volt. 600 v.
Power sta. at Belle Isle; repair shops Olie St. bet. 2d & 4th Sts.
Reaches Belle Isle, Briarwood, Fair Grounds and Wheeler Park.
141.644 miles; 4-8½ g; 103 motor and 52 other cars. (Co. sells energy to rys.) 47

OKMULGEE. 6,000.

874—Okmulgee Trac. Co.—Office, Okmulgee. (Successor to Okmulgee Inter-Urban Ry. Co.)
*Mgr. M. M. Simone..... Okmulgee
Purchases energy from Okmulgee Ice & Lt. Co.
3 miles; 4-8½ g; 3 motor cars. ★107†

SAPULPA. 8,283.

875—Sapulpa Elec. Interurban Ry.—Office, Sapulpa. (Successor to Sapulpa & Interurban Ry. Co.) (Connects Sapulpa, Kiefer and Glen Pool.)
*V. Pres. & Gen. Mgr.
R. V. Miller.....Sapulpa
Sec. Virgil Hicks..... "
Treas. B. C. Burnett..... "
Audr. H. J. Wells..... "
Ch. Engr. Pwr. Sta. Walker Reeves "
M. M., J. F. Broome..... "
Power sta. equip. 1 d. c. G. E. 200 kw; 300 hp. e. (gas) Bessemer; trolley volt. 600 v.
Power sta. and repair shops at Sapulpa.
12 miles; 4-8½ g; 8 motor and 2 other cars. 57

SHAWNEE. 12,474.

876—Shawnee-Tecumseh Traction Co.—(Connects Shawnee and Tecumseh.)
Pres. Louis K. Hyde.....Plainfield, N. J.
V. Pres. R. D. Benson
11 Broadway, New York, N. Y.
Sec. W. M. Cutlip.....Muskogee
*Gen. Mgr. R. D. Long.....Shawnee
Supt. W. L. Myers..... "

Purchases energy from Shawnee Gas & Elec. Co.; trolley volt. 600 v.
Repair shop, Shawnee.
Reaches Benson Park (owned).
12 miles; 4-8½ g; 10 motor pass. cars and 1 other motor car. ★127

TULSA. 40,000 (1915).

877—**Oklahoma Union Trac. Co.**—(Will connect Tulsa, Red Fork and Sapulpa. On Feb. 5, 1915, the property of this company in Tulsa was sold at receiver's sale and is now operated by Oklahoma Union Ry. Co. (successors to Tulsa Trac. Co.)

*Pres. & Gen. Mgr. A. A. Small.....Tulsa
V. Pres. and Park Mgr. A. B. Small "
Sec. Treas. & Ch. Engr. G. B. Small "
Roadmaster & M. M. J. A. Patterson "

Will purchase energy; repair shops at Tulsa.
15 miles (under construction). 57

878—**Sand Springs Ry. Co.**—Office, 25 North Main St., Tulsa. (Connects Tulsa and Sand Springs.)

Pres. & Treas. Chas. Page.
415 First Natl. Bk. Bldg., Tulsa
V. Pres. W. E. Rohde
Bank of Commerce Bldg., "
*Asst. to Pres. T. H. steffens..... "
Sec. C. F. Tingley
415 First Natl. Bk. Bldg. "
Audr. R. J. Guillan..... "
Gen. Mgr. Oper.
Henry T. Morrison..... "
Supt. H. J. Miller..... "
Ch. Engr. C. S. Tingley..... "
M. M., T. A. Seacord.....Sand Springs
Engr. M. of W.,
C. C. Whisman..... " "
Engr. Ovhd. Constr.
W. E. Page.....24 W. 3d St., Tulsa

Purchases energy from Sand Springs Pwr., Lt. & Wtr. Co.
Repair shops at Sand Springs.
Reaches Sand Springs Park (controlled).
23 miles; 4-8½ g; 8 motor cars and 6 other cars. Company does lighting and power business. ★127

879—**Tulsa St. Ry. Co.**—Office, Tulsa. Gen. office, Schwind Bldg., Dayton, O

Pres. & Gen. Mgr. C. H. Bosler..Dayton, O.
V. Pres. S. H. Carr..... "
Sec. D. W. Allaman..... "
Treas. A. H. Reeder..... "
*Supt. & Cl. Agt. Morris McGrath .Tulsa
M. M., Chas. Boulton..... "

Purchases energy from Public Service Co. of Oklahoma.
Repair shops, Tulsa.
13 miles; 4-8½ g; 35 motor cars and 1 work car. 127

880—**Oklahoma Union Railway Co.**—Office, 212 Ohio Bldg. (Successor to The Tulsa Traction Co., which acquired the Oklahoma Union Trac. Co.'s property in Tulsa). (Connects Kiefer, Sapulpa, Red Fork and Tulsa.)

Pres. G. C. Stebbins.....Tulsa
Sec. & Treas. I. F. Crow..... "
*Audr., Gen Fgt & Pass. Agt.
& Pur. Agt. W. B Craig..... "
Gen. Mgr. R. V. Miller..... "
Ch. Engr. D. W Patton..... "
M. M., J. C. Patterson..... "
Engr. M. of W., Wm. Rose..... "
Engr. Ovhd. Constr. W. A. Corbett.. "

Energy purchased from Public Service Co. of Oklahoma.
Reaches Orcutt Lake.
25 miles; 4-8½ g; 25 motor pass. cars; ★127

OREGON.

ALBANY. 4,275
(See No. 888.)

ASTORIA. 9,599.

881—**Pacific Pwr. & Lt. Co.**—Office, Spalding Bldg., Portland. (Operates street railways in Astoria, and controls Walla Walla Valley Ry. Co. which operates street railways in Walla Walla, Wash., and interurban line between Walla Walla, Wash., and Milton, Ore.) (Controlled by American Pwr. & Lt. Co., for which Electric Bond & Share Co. is fiscal agent.)

Pres. Guy W. Talbot..... Portland
V. Pres. & Gen. Atty.
John A. Laing..... "
Sec. & Treas.
Geo. F. Nevins..... "
*Gen. Mgr.
Lewis A. McArthur..... "
Pur. Agt. W. N. Voegtly..... "
Ch. Engr. H. H. Schoolfield..... "
Distr. Mgr. J. B. Kilmore.....Astoria

Power sta. equip. (Astoria stm. plant); 2 a. c. G. E. tot. 825 kw. 3 ph. 60 cys; 1950 hp. e. McI. & S; 1250 hp. b. Cahall; trans. volt, 2300 v; trolley volt. 600 v.
Power sta and repair shop at foot of Astor St. Co. does lighting and power business.
5.1 miles (Astoria lines); 3-6 g; 9 motor, 6 trail cars, 1 elec. loco. and 10 fgt. cars. ★127

CAZADERO.
(See No. 886.)

EUGENE. 9,009.
(See No. 888.)

MEDFORD. 8,840.

882—**Southern Oregon Traction Co.**—Office, 25 West Main St., Medford. (Operates in city of Medford and suburbs (2.5 miles) and connects Medford and Jacksonville.)

*Pres. S. S. Bullis.....Medford
V. Pres., Gen. Mgr., Pur. Agt. &
Ch. Engr. S. M. Bullis..... "
Sec., Treas. & Gen. Fgt. & Pass.,
Agt. R. S. Bullis..... "

Energy purchased from California-Oregon Pwr. Co.; 1 motor gen. set West. 250 kw; trolley volt. 600 v.
Sub sta. at Highland Pk., Medford.
8.19 miles (2.05 miles steam): 4-8½ g; 2 motor and 11 other cars; 2 steam locos. 127

OREGON CITY. 4,287.
(See also No. 886.)

883—**Willamette Valley Southern Ry.**—Office, 1512 Main St. (Connects Oregon City, Beaver Creek, Spangler, Mulino, Liberal, Molalla, Hitchman, Monitor and Mt. Angel.) (Controlled by Portland Ry., Lt. & Pwr Co.)

Pres. Grant B. Dimick.....Oregon City
V. Pres. Geo. A. Harding.... "
Sec. O. D. Eby..... "
Treas. W. A. Huntley..... "
*Audr. C. M. Baker..... "
Traffic Mgr. Claim & Pur. Agt.
Edwin Foster..... "
Supt. & Ch. Engr. J. L. Stacer "
M. M., H. P. Given..... "

Purchases energy from Portland Ry., Lt. & Pwr. Co.; trolley volt. 1200 v; repair shop, Oregon City.
31.9 miles; 4-8½ g; 3 motor cars and 3 other cars; 1 fgt. motor car. ★127

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PORTLAND. 305,009 (1914).
(See also Nos. 1180 and 1181.)

884—Oregon Elec. Ry. Co.—Office, Pittock Blk., Portland. (Connects Portland, Tigard, Tualatin, Hillsboro, Forest Grove, Woodburn, Salem, Albany, Harrisburg, Junction City, Eugene, and Corvallis. Physical connection with the Southern Pacific Co., at Albany, for interchange of traffic.) (Controlled by the Spokane, Portland & Seattle Ry. Co.)

Pres. L. C. Gilman
822 Pittock Blk., Portland
V. Pres. & Compt.
Wm. F. Turner, 10th & Hoyt Sts., "
Sec. & Treas.
W. G. Davidson " "
Gen. Supt. A. J. Davidson
814 Pittock Blk, "
Traffic Mgr. W. D. Skinner
848 Pittock Blk., Portland
Supt. (Portland Div.)
G. E Votaw...10th & Hoyt Sts. "
Supt. (Vancouver-Spokane Div.)
R. C. Wegner.....Vancouver, Wash.
Gen. Claim Agt. H. K Relf
846 Pittock Blk., Portland
Supt. Car. Serv. & Tel.
H. M. Huston, 846 Pittock Blk., "
Asst. Gen. Fgt. & Pass. Agt.
W. C. Wilkes, 846 Pittock Blk., "
Asst. Gen. Pass. Agt.
R. H. Crozier, 841 Pittock Blk. "
Pur. Agt. R. E. Scott
848 Pittock Blk., "
*Pub. Agt. D. C. Freeman
842 Pittock Blk., "
Ch. Engr. Alex M. Lupfer
848 Pittock Blk., "
Elec. Supt. E. R. Cunningham
Front & Jefferson Sts., "
Supt. Mot. Pwr. Jno. Dickson
806 Pittock Blk.. "
M. M., D. I. Clough,
10th & Hoyt Sts., "
Roadmaster, C. W. Whitfield
10th & Hoyt Sts., "

Energy purchased from Portland Ry., Lt. & Pwr. Co.; trans. volt. 60,000 v; trolley volt. 1200 v.

Repair shops, Hood and Porter Sts., Portland.

154 miles; 4-8½ g; 58 passenger motor, 24 other passenger, 115 fgt. and 17 misc. cars; 10 elec. locos. ★127

885—Portland & Oregon City Ry. Co.—Office, 654 Cypress St., Portland. (Connects Portland, Milwaukie, Clackamas and Carver.)

Pres. & Gen. Mgr.
Stephen Carver.....Portland
V. Pres. J. L. Sprinkle...Chinook, Mont.
*Sec. J. N. Hart.....Portland
Treas. N. B. Carver..... "
Audr. C. E. Sprinkle..... "
Ch. Engr. Ralph McIntire.....Milwaukie
M. M., S. Link.....Portland

Repair shops at Brooklyn.

Reaches amusement park.

16 miles; 4-8½ g; 2 motor pass. cars, 2 trail pass. cars and 7 other cars; 3 gasoline locos. (Will extend line from Bakers Bridge, which is near Carver, to Highland, a distance of about 8 miles.) ★127

886—Portland Ry., Lt. & Pwr. Co.—Office, Elec. Bldg., Broadway and Alder Sts., Portland. (With the exception of two interurban lines, company operates all the electric railways in Portland and vicinity, including interurban lines to Oregon City, Troutdale, Cazadero and Bull Run and over the new interstate bridge to Vancouver, Wash.) (Controls through ownership of stock Willamette Valley Southern Ry. and Yamhill Electric Co; also owns Portland-Troutdale Elec. Ry. Co.) (Under management of E. W. Clark & Co.)

Pres. Franklin T. Griffith
Elec. Bldg., Portland
V. Prests. { F. I. Fuller " "
H. L. Clark
321 Chestnut St., Phila., Pa.
E. W. Clark..... "
Sec. to Pres. W. H. Lines.....Portland
Sec. & Asst. Treas. G. L. Estabrook,
321 Chestnut St., Phila., Pa.
Treas. & Asst. Sec. C. N. Huggins,
Portland
Asst. Treas. Wm. Lilley
Philadelphia, Pa.
Audr. & Asst. Sec.
R. W. Shepherd..... Portland
Gen. Supt. O. B. Coldwell..... "
Supt. Transpt. F. Cooper..... "
Supt. Inter. Lines
G. C. Fields..... "
Supt. Lt. & Pwr. C. P. Osborne.. "
Efficiency Engr.
E. H. LeTourneau..... "
Claim Agt. B. F. Boynton..... "
Traffic Mgr. F. D. Hunt..... "
Pur. Agt. W. J. Morris..... "
Constr. Engr. E. D. Searing..... "
*Oper. Engr. R. R. Robley..... "
Hydraulic Engr.
T. W. Sullivan.....Oregon City
Ch. Engr. Pwr. Sta. (Stm)
W. I. Barley.....Portland
M. M., F. P. Maize..... "
Engr. Maint. of Way
T. Pumfrey..... "
Road-masters { S. L. Banks, City Lines "
T. A. Harris,
Interurban Lines "
Engr. Ovhd. Constr.
H. R. Wakeman..... "

OREGON CITY STA. B.—13a. c. G. E. Allis-C. tot. 6230 kw. 3 ph. 33 & 60 cys; 2 d. c. Allis-C. tot. 1000 kw; 14,400 hp. turb. Victor, McC; trans. volt. 60,000-10,000 v.

NORTH PORTLAND STA. E.—5 a. c. G. E. tot. 12,500 kw. 3 ph. 33 cys; 18,500 hp. e. W. I. & S. Wks, Cor, Allis C., G. E; trans. volt. 10,000-33,000 v.

CAZADERO STA. G.—5 a.c. G. E, Allis-C. tot. 14,250 kw. 3 ph. 33 & 60 cys; 26,800 hp. turb. (wtr.) Victor; 1 turbo. mot. gen. set. for exctg. 125 hp; 1-400 kw. rot. conv. 33 cys. 3 ph. 600 v; trans volt. 57,100-33,000 v.

PORTLAND STA. L.—2 a.c. G. E. tot. 4000 kw. 10,000-2300 v. 3 ph. 60 cys; 1 d. c. G. E. 2000 kw. 600 v; 2500 hp. e. H. O. & R; 8000 hp. turb. (stm.) Curtis; 2 G. E. mot. gen. sets tot. 2000 kw. 11,000 v. a. c. 600 v d. c.

SALEM STA. H.—1 d. c. G. E. 400 kw; 1 a. c. Westg. 250 kw. 3 ph. 60 cys; 2 mot. gen. sets tot. 525 kw; 1 rot. conv. 1000 kw. 6 ph. 33 cys; 2 G. E. frequency changers 1500 kw. 33 & 60 cys; 1600 hp. e. Cor, Fulton, L. & B, Stir; 800 hp. b; trans. volt. 57,100 v.

SILVERTON STA. J.—1 a. c. Westg. 250 kw. 3 ph. 60 cys; 700 hp. turb. Westg.

RIVERMILL STA. M.—3 a. c. G. E. tot. 9900 kw. 11,000 v. 3 ph. 60 cys; 18,900 hp. turb. Platt Iron Wks; 150 hp. turb. for m. g. exciter set; trans. volt. 57,100 v.

ST. JOHNS STA. N.—1 a. c. Allis-C. 2500 kw. 11,000 v. 60 cys; 3350 hp. stm. turb. Parsons.

BULL RUN STA. O.—3 a. c. West. tot. 11,250 kva. 6600 v. 60 cys; 12,800 hp. turb. Platt Iron Wks; 6400 hp. turb. Wellman-Seaver-Morgan.

Total of Station equip. 4 d. c. Allis-C, G. E. tot. 3400 kw; 34 a. c. Allis-C, Westg., G. E. tot. 61,150 kw. 3 ph. 33 & 60 cys. 2300-6600-11,000 v; 6600 hp. e. Ham, Cor. Wms. Iron & Steel; 27,850 hp. stm. turb. Parsons, Curtis; 73,600 hp. turb. Victor, McC, Platt. W. S. M.; trans. volt. 57,100-33,000-11,000-6600 v; trolley volt. 600 v.

Power stas., Cazadero, Oregon City, Portland, Salem, Silverton, Rivermill, St.

Johns and Bull Run; repair shops, Center St., Portland.
Reaches "The Oaks" (owned), Council Crest, Hayden Island, City Park and Columbia Beach.
278.57 miles; 3-6 g. & 4-8½ g; 583 pass. motor cars, 50 trailers, 324 fgt., 25 express and 169 work cars, 2 steam and 8 elec. locos. (Co. does a general lighting and power business.) ★18

887—Portland-Troutdale Electric Railway Co. (Part of the Portland Ry. Lt. & Pwr. Co's. System. Connects Portland and Parkrose.)
Pres. E. L. Thompson..402 Central Bldg.
V. Pres. J. L. Hartman.. " "
Gen. Mgr. Lewis I. Thompson " "
Supt. A. J. Pike..... " "
Ch. Engr. K. B. Stevens " "
M. M., H. Maize..... " "
3.5 miles; narrow g; 3 motor cars. 77

888—Southern Pacific Co. (Portland Div.)—For officers, see San Francisco, Cal. (Extends from Portland to Corvallis, via Hillsboro, Forest Grove, St. Joseph and McMinnville; and from Portland to St. Joseph via Newberg. Operates city lines at Springfield, Salem, West Linn and Eugene (line connecting Springfield and Eugene, 4.11 miles) and (line out of West Linn to Willamette, 5.7 miles.) Physical connection with the Oregon Elec. Ry. Co., at Albany, for inter-change of traffic.)
Claim Agt. A. S. Rosenbaum..., Portland
Supt. F. L. Burckhalter..... "
*Elec. Engr.
Paul Lebenbaum..... "
Div. Engr. & Engr. M. of W.
H. M. Lull..... "
Signal Engr. P. Schultz..... "
Fmn. Sub. Sta. H. L. Talbot.... "
Gen. Fmn. G. R. W. Roberts.... "
M. M., C. E. Peck..... "
Energy purchased from Portland Ry., Lt. & Pwr. Co. and Oregon Pwr. Co; trans. volt. 13,200 v. 60 cys; 7—500 kw. motor-gen. sets G. E. 55,000 & 13,200 v. a. c.—1500 v. d. c; 4 rot. West. tot. 2000 kw. 6 ph. 60 cys; 2—1000 kw. transf. 60,000-13,200 v; portable sub-sta. 500 kw; trolley volt. 1600 v. d. c.
Repair shops Beaverton.
163 miles; 4-8½ g; 30 motor pass. cars, 11 trail pass. cars and 8 other motor cars; 3 60-ton locos. ★127

889—United Railways Co.—Office, Pittock Block, Portland. (Controlled by Spokane, Portland & Seattle Ry. Co.) (Connects Linnton, Burlington, N. Plains and Wilkesboro; to Portland via junction at Linnton with the Spokane, Portland and Seattle Ry. line (stm.)
For officers see Oregon Elec. Ry. Co.
Energy purchased from Portland Ry., Lt. & Pwr. Co; trans. volt. 34,000 v; trolley volt. 1200 v.
Repair shop at Hood and Porter Sts., Portland.
24 miles; 4-8½ g; 7 passenger motor, 3 other passenger and 14 fgt. cars. ★127

SALEM. 14,094.
(See Nos. 884 and 888.)

SPRINGFIELD. 1,838.
(See No. 888)

UNION. 1,483.

890—Central R. R. of Oregon.—Gen. Office, Boston, Mass. Local Office, Union. (Purchased the Union St. & Suburban Ry.) (Connects Union, Union Jct., Hot Lake and Cove.)
Pres. Edwin Wilcock
164 Federal St., Boston, Mass.
V. Prests. { V. T. Hammer, Branford, Conn.
Pur. Agt. R. H. England
Rochester, N. Y.
Sec. S. L. Squier.....West Haven, Conn.
Treas. Chas. E. Graham
238 Wooster St., New Haven, Conn.
Gen. Supt., Gen. Fgt. & Pass. Agt.
Edward Evenson.....Union
*Supt. G. E Dunklee..... "
Repair shop at Union.
2.6 miles (elec.); 18 miles (stm.); 4-8½ g; 14 cars: 3 locos. (118 miles Union, Ore., to Walla Walla, Wash., under construction.) ★117

PENNSYLVANIA.

ALLENTOWN. 51,913.
(See also No. 920.)

891—Allentown & Reading Trac. Co.—Office, 121 N. 5th St., Reading. (Controls Kutztown & Fleetwood St. Ry. Co.) (Connects Allentown, Kutztown and Reading.)
*Pres. Howard E. Ahrens.....Reading
V. Pres. W. D. Mohn.....Mohntown
Sec. I. A. Diener.....Hamburg
Treas. & Claim Agt.
Geo. B. Schaeffer.....Reading
Supt., Pur. Agt. & M. M.,
M. Heffner.....Kutztown
Park Mgr. F. S. Kinsey.....Reading
Power sta. equip. 2 d. c. West. tot. 800 kw; 2 a. c. G. E. tot. 350 kw. 2 ph. 60 cys; 1300 hp. e. Bates, Green; 700 hp. b. Bab. & W. Heine; trans. volt. 5500 v; trolley volt. 550 v.
Power station and repair shop at Kutztown.
Owns Dorney Park.
47.1 miles; 5-2½ & 4-8½ g; 37 motor and 5 other cars; 1 snow plow. 77

892—Bethlehem & Nazareth Passenger Ry. Co.—Gen. office, Bethlehem. (Controlled (by lease) by the Lehigh Valley Transit Co. Connects Bethlehem and Nazareth.)
Pres. H. R. Fehr.....Allentown
Sec. & Treas. C. N. Wagner.... "
Supt. E. C. Spring..... "
Energy from Lehigh Valley Transit Co.; trolley volt. 600 v.
Reaches park at Rittersville.
10 miles; 4-8½ g; 6 motor cars. 18

893—Lehigh Valley Transit Co.—Office, 17 No. Seventh St., Allentown. (Successor to Lehigh Valley Trac. Co. and Philadelphia & L. V. Trac. Co., which was a consolidation with Allentown & L. V. Traction Co., the Allentown & Bethlehem Rapid Transit Co., Allentown Pass. Ry. Co., Bethlehem & So. Bethlehem St. Ry. Co., Catasauqua & Northern St. Ry. Co., So. Bethlehem & Hellertown St. Ry. Co., Allentown & Emaus St. Ry. Co., Copay, Egypt & Ironton St. Ry. Co. and Allentown & Slatington Ry. Co.) (Connects Allentown, Chestnut Hill, Philadelphia, Bethlehem, Nazareth, Hellertown, Macungie, Egypt, Siegfried, Slatedale, Slatington, Catasauqua, Richlandtown and Norristown.) (Controls Bethlehem & Nazareth Pass. Ry. Co., Quakertown Trac. Co., and Montgomery Trac. Co. (owned); also controls the Lehigh Valley Lt. & Pwr. Co. and the Easton Consolidated Electric Co. (which controls Easton Transit Co., the Easton, Palmer & Bethlehem St. Ry., the Phillipsburg Transit Co., the Edison Elec. Illuminating Co. of Easton and the Northampton Central St. Ry.); operates Norristown Transit Co. in

which it owns one-half interest.) (In 1917, control acquired by Lehigh Pwr. Securities Corpn., which is under management of Electric Bond & Share Co.)

Chmn. Bd. Harry C. Trexler...Allentown
*Pres. & Gen. Mgr. H. R. Fehr.. "
V. Pres. E. M. Young..... "
Sec. & Treas. C. N. Wagner ... "
Audr. F. A. Hazzard..... "
Supt. Transp. E. C Spring..... "
Claim Agt. Wm. J. Trythall.... "
Pur. Agt. W. R. Fehr..... "
Gen. Fgt. Agt. W. F. Fetherolf. "
Supt. Overhead Lines, H. L. Coker..... "
Engr. M. of W., A. F. Smith.... "
Elec. Engr. A. H. S. Cantlin.... "
Supt. Pwr. Howard Duff..... "
Supt. of Equip. R. C. Green.... "

Power sta. equip. 8 a.c. turbo-gen. West., G. E., Curtis, tot. 30,000 kw. 2300 & 13,200 v. 3 ph. 25 & 60 cys; 3300 hp. b. Bab. & W; trans. volt. 13,200 v; trolley volt. 600 v.

Repair shop Front & Linden Sts., Allentown.

Owns Central Park at Rittersville.

163.65 miles; 4-8½ g; 188 passenger and 23 misc. cars; 4 snow plows; 10 sweepers; 14 freight cars. (Co. sells energy.) ★18

894—Whitehall St. Ry. Co.—Office, Young Bldg. (Connects Egypt and Levans.)

Pres. Harry C. Trexler.....Allentown
V. Pres. E. M. Young..... "
*Sec. Geo. G. Sykes..... "
Treas. Alonzo F. Walter..... "

Energy purchased from Lehigh Valley Transit Co.

Reaches Picnic Grounds at Egypt.

5 miles; 4-8½ g; rents cars from Lehigh Valley Transit Co. 127

ALTOONA. 52,127.

895—Altoona & Logan Valley Elec. Ry. Co.—Office, First National Bank Bldg. (Controlled by the American Rys. Company, Philadelphia.) (Connects Altoona, Tyrone, Belwood and Hollidaysburg.)

Pres. Van Horn Ely } Witherspoon
V. Prests. { H. J. Crowley } Bldg.,
{ C. L. S. Tingley } Phila.
Sec. & Treas. Walter W. Perkins..... "
Asst. Sec. Asst. Treas. & Compt. Frank J. Pryor, Jr. "
Gen. Mgr. S. S. Crane.....Altoona
Claim Agt. S. B. Hare..... "
Pur. Agt. G. C. Weirick.....Phila.
Supt. Transp. L. T. Shannon....Altoona
Supt. Constr. F. D. Hain..... "
Ch. Engr. of Pwr. Sta. F. W. De Mart..... "
M. M. Robert Long..... "

Power sta. equip. 3 d. c. G. E. tot. 1500 kw; 1 rot. conv. G. E. 300 kw. 6600-480 v. 3 ph. 60 cys; 2250 hp. e. McI. & S, Allis-C; 2100 hp. b. Bab. & W, Heine; trolley volt. 550 v. d. c; also purchases energy from Penn. Central Lt. & Pwr. Co.

Power sta. and repair shop at Altoona.

Owns Lakemont Park.

54.28 miles; 5-3 g; 105 motor and 14 other cars. ★127

AVONDALE. 668.

(See No. 944.)

BANGOR. 5,369.

896—Bangor & Portland Trac. Co. — Office, Easton. (Connects Bangor, E. Bangor, Johnsonville, Mt. Bethel and Portland.) (In 1916, taken over by Northampton Trac. Co.)

Chrmn. Bd. Thos. A. H. Hay.....Easton
Pres. Dr. B. F. Dilliard.....E. Bangor
V. Pres., Gen. Mgr. & Pur. Agt. W. O. Hay ..... Easton
Sec. & Audr. G. K. Smith..... "
Treas. Wm. L. Doyle..... "
Supt. Albert Warrick.....E. Bangor
Claim Agt. Chas. Brunner.....Easton
Elec. Engr. J. T. Rood..... "
M. M., Frank Weidman.....E. Bangor

Purchases energy from Penna. Utilities Co.; trolley volt. 550 v.

Repair shops at E. Bangor.

8.75 miles; 4-8½ g; 7 motor and 2 other cars. (Will have direct track connection with Northampton Trac. Co. at Bangor, giving through service from Easton to Portland, a distance of 26 miles.) 127

BEAVER FALLS. 12,191.

(See also No. 968.)

897 — Patterson Heights St. Ry. Co.—Office, Beaver Falls. (Connects Beaver Falls and Patterson Heights.)

Pres. —— —— Beaver Falls
V. Pres. —— —— "
*Sec. & Treas. John. T. Reeves "
Gen. Mgr. Fred Harn..... "
Elec. Engr Geo. Erwin.... "

Purchases energy from Beaver Valley Traction Co.; trans. volt. 500 v.

0.5 miles (combined electric and cable incline); 4-8½ g; 1 motor car. ★127

BERWICK. 5,357.

898 — Berwick & Nescopeck St. Ry. Co.—Office, 116 Market St., Berwick. (Connects Nescopeck and Berwick.)

*Pres. Henry P. Field.....Berwick
V. Pres. M. Jackson Crispin..... "
Sec. & Treas. Geo. W. Hill...Beach Haven
Supt. Geo. Sterner.....Berwick

Energy purchased from Columbia & Montour Elec. Co.

Repair shops, Berwick.

1.25 miles; 4-8½ g; 2 motor cars 127

BETHLEHEM. 12,837.

(See also No. 892.)

899—Allen St, Ry. Co.—Office, Bethlehem Trust Bldg., Bethlehem. (Connects Nazareth and Bath.)

Pres. Chas. T. Hess.....So. Bethlehem
Sec. & Treas. Geo. H. Kressler Bethlehem
*Gen. Mgr. N. K. Putnam.....Nazareth

Energy purchased from Lehigh Valley Transit Co.; trolley volt. 600 v.

Repair shops at Christian Springs.

5.25 miles; 4-8½ g; 4 motor and 2 other cars. 127

BLOOMSBURG. 7,413.

900—North Branch Transit Co.—Office, Bloomsburg. (Connects Berwick, Bloomsburg, Danville and Catawissa.)

Receiver, A. W. Duy.....Bloomsburg
Pres. E. R. Sponsler.....Harrisburg
V. Pres. W. F. Lowry.....Berwick
Audr. H. J. Achenbach.....Bloomsburg
*Supt. Douglass Ford..... "
M. M. Norman Fry..... "

Energy purchased from Columbia & Montour Elec. Co.

Car barn and repair shop at 7th St. & Berwick Road, Bloomsburg.

Reaches Kleims Grove, Columbia Park, Fairchild's Park and Montour Park (owned).

30 miles; 4-8½ g; 15 motor, 4 trail cars, 3 sweepers. ★18

BLUE BALL. 300.

(See No. 946.)

BOYERTOWN. 2,433.

901—Reading Transit & Light Co.—(Formerly The Boyertown & Pottstown Ry. Co.) (Connects Boyertown and Pottstown.) For officers see Reading.

Energy purchased from the Metropolitan Edison Co.; trans. volt. 15,000 v. and 3,200 v.
Repair shops, Reading and Pottstown.
Reaches Ringing Rocks Park.
12 miles; 5-2½ g; 22 motor cars. ★127

BRADFORD. 14,544.
(See No. 727.)

BRISTOL. 9,256.
(See No. 978.)

BROWNSVILLE. 2,324.
(See No. 991.)

BUTLER. 20,728.
(See No. 987.)

CARLISLE. 10,308.

902—Cumberland Ry. Co.—Office, Carlisle, Pa. (Controls Carlisle & Mt. Holly Ry. Co., and Mt. Holly Springs Lt. Co.) (Connects Carlisle, Mt. Holly Springs, Elliotson, Plainfield, West Hill and Newville.)
*Pres. W. H. McCrea.....Newville
V. Pres. & Sec.
E. J. Kitzmiller.....Shippensburg
Treas., Gen. Mgr. & Pur. Agt.
Geo. A. Plough.....Carlisle
Audr. J. A. Hummelbaugh..... "
Engr. Pwr. Sta.
Harry McLaughlin...Mt. Holly Springs
M. M., Wm. Walters... " "
Engr. M. of W., Geo. Wise " "
Power sta. equip. 2 d. c. Westg. tot. 300 kw; 2 a.c. Westg. tot. 120 kw. 2300 v. 3 ph. 60 cys: 850 hp. e. Harrisburg; 600 hp. b. Keeler; 300 kw. turb. (stm.) Westg; 300 hp. turb. (wtr.) Smith; trans. volt. 11,000 v; trolley volt. 570 v.
Power sta. and repair shop at Mt. Holly Springs.
Controls Mt. Holly Springs Park and Newville Glen Springs Park.
21.5 miles; 5-2½ g; 12 motor and 2 other cars. 116

903—Valley Rys. — See Lemoyne for general officers.
Asst. Supt. J. O'Hara.....Carlisle
Park Mgr. H. B. Markley
Boiling Springs
Trans. volt. 13,200 v; trolley volt. 500 v.
Repair shop at Carlisle.
Reaches Boiling Springs.
22 miles; 5-2½ g; 10 cars. 127

CHAMBERSBURG. 11,800.

904—Chambersburg & Gettysburg Elec. Ry. Co.—Office, Chambersburg. (Connects Chambersburg, Fayetteville and Greenwood.)
Pres. Thos. B. Kennedy...Chambersburg
Sec. & Treas. W. L. Ritchey "
Audr. C. M. Davison..... "
*Supt. D. B. Fretz..... "
Pur. Agt. W. G. Davison. "
M. M., C. W. Westling.... "
Power sta. and repair shop at Chambersburg.
Controls Caledonia Park.
18 miles; 5-2½ g; 12 cars. 127

905—Chambersburg & Shippensburg Ry. Co.—Office, North Second St., Chambersburg. (Connects Chambersburg, Greenvillage and Shippensburg.)
Pres. W. H. Fisher.....Chambersburg
V. Pres. & Treas. C. P. Miller "
Sec. J. G. Schaff..... "
*Gen. Mgr. & Pur. Agt.
S. M. Coover..... "
M. M., E. F. Goetz..... "
Purchases energy from Shippensburg Gas & Elec. Co.; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shop, Chambersburg.
Reaches Red Bridge Park (owned.)
11 miles; 5-2½ g; 10 motor pass. cars and 2 other cars. ★127

CHARLEROI. 9,615.

906—Webster, Monessen, Belle Vernon & Fayette City St. Ry. Co.—Office, Bank of Charleroi Bldg. (Connects Monessen, Belle Vernon, Arnold City and Charleroi.)
Pres. & Gen. Mgr. C. F. Thompson
Charleroi
V. Pres. Kerfoot W. Daly..... "
*Sec. & Audr. R. W. Brown..... "
Treas. David M. McCloskey..... "
Supt. & Pur. Agt.
D. Guy Callihan..... "
Claim Agt. T. H. Warrensford... "
Energy purchased from West Penn Pwr. Co.; trolley volt. 550 v.
Repair shop at Charleroi.
8.7 miles; 5-2½ g; 12 motor and 2 other cars. 127

907—Westside Elec. St. Ry. Co.—Office, Bank of Charleroi Bldg. (Connects No. Charleroi, Monessen, Charleroi, Bentleyville and Ellsworth.)
Pres. W. I. Berryman.....Charleroi
V. Pres. & Gen. Mgr.
C. F. Thompson..... "
Sec. & Audr. R. W. Brown..... "
Treas. Kerfoot W. Daly..... "
Supt. & Pur. Agt.
D. Guy Callihan..... "
Claim Agt. T. H. Warrensford.. "
Ch. Engr. Wm. H. Stamm..... "
Energy purchased from West Penn Pwr. Co.; trolley volt. 550 v.
Repair shops and car house, Charleroi.
11 miles; 5-2½ g; 6 motor cars. 127

CHESTER. 38,537.
(See also No. 1020.)

908—Chester & Eddystone St. Ry. Co.—Office, 13th St. & Edgemont Ave. (Connects Chester and Eddystone.) (Entire capital stock owned by Wilmington & Phila. Trac. Co.) (Controlled and operated under lease by Southern Pennsylvania Traction Co., which see for officers.)
2.4 miles; 5-2¼ g. 127

909—Chester Traction Co.—Office, 13th & Edgemont Ave. (Leases Union Ry. Co. of Chester, Chester, Darby & Philadelphia Ry., Chester & Media Elec. Ry., Chester St. Ry. and Chester & Delaware St. Ry., and in turn is controlled and operated under lease by Southern Pennsylvania Trac. Co.) (Entire capital stock owned by Wilmington & Chester Trac. Co., which is controlled by United Pwr. & Transpt. Co.) (Connects Wilmington, Philadelphia, Media, Marcus Hook, Upland and Chester.)
Pres. J. A. Rigg
630 Widener Bldg., Phila.
Sec. & Treas. T. W. Grookett, Jr.,
630 Widener Bldg., "
Power sta. equip. 6 d. c. G. E. Westg. tot. 1800 kw; 250 hp. e. Weth; 2500 hp. b. Weth; trolley volt. 550 v.
Power sta. at 4th Ave. & Penn St.; repair shop at 13th St. and Edgemont Ave.
Reaches Chester Park and Shellpot Park, Wilmington, Del.
22.4 miles; 5-2¼ g; 102 cars. 127

910—Southern Pennsylvania Trac. Co.—Office, Chester. (Controls and operates under lease Chester & Eddystone St. Ry. Co., Chester Trac.

Co., Delaware County & Philadelphia Elec. Ry. Co. and Media, Glen Riddle & Rockdale Elec. St. Ry. Co.) (Controlled by Wilmington & Philadelphia Trac. Co., which see for officers.) 127

CLAIRTON. 3,336.

911—Clairton St. Ry. Co.—Ex. office, 485—6th Ave., Pittsburgh.
Pres. S. L. Tone.....Pittsburgh
V. Pres. J. H. Reed..... "
Sec. W. B. Carson..... "
Treas. C. J. Braun, Jr..... "
Compt. C. S. Mitchell..... "
Gen. Mgr. P. N. Jones..... "
For operating officials see Pittsburg Rys. Co.
Energy purchased from Carnegie Steel Co.
1.013 miles; 5-2½ g; 2 pass. motor cars. 127

CLEARFIELD. 8,000.

(See No. 983.)

CLIFTON HEIGHTS. 3,155.

912—Delaware County & Philadelphia Elec. Ry. Co.—Office, Clifton Heights. (Extends from Angora (Phila.) to Media, on Baltimore Ave.) (Stock owned by the United Power & Transpt. Co., which is controlled by The Interstate Rys. Co.) (Controlled and operated under lease by Southern Pennsylvania Trac. Co. which is controlled by Wilmington & Phila. Trac. Co.)
Pres. John A. Rigg.....Phila.
Sec. & Treas. T. W. Grookett, Jr.. " 127

COATESVILLE. 11,084.

(See also No. 1032.)

913a — Coatesville Trolley Co. — Office, Coatesville. (Will extend from Coatesville to Modena and connect with Lancaster via Conestoga Trac. Co. and Westchester via West Chester St. Ry.)
*Pres., Gen. Mgr. & Pur. Agt.
Paul S. Stansbury.....Coatesville
V. Pres. Geo F. Snyder
265 W. Mt. Pleasant Ave., Phila., Pa.
Sec. G. Frank Witman.....Coatesville
Treas. Chester C. Doan..... "
Audr. Ernest R. McDonald... "
Ch. Engr. C. A. Niles..... "
Elec. Engr. C. E. Entrekin ....Llanaich
Energy purchased from Chester Valley Elec. Co.
4.5 miles; 5-2¼ g; 4 motor pass. cars. (Under construction.) §127

COLLEGEVILLE. 621.

(See No. 968.)

CONNELLSVILLE. 12,845.

(See No. 991.)

CORRY. 5,991.

913—Corry & Columbus Trac. Co.—Office, Corry. (Successor to Corry & Columbus St. Ry. Co.) (Connects Corry and Columbus.)
Pres. J. D. Woodward.....Warren
Sec. Clifford Woodward..... "
Treas. F. M. Raymond.....Corry
*Ch. Engr. O. S. Fritz..... "
Power sta. equip. 1 d. c. C-W. 200 kw; 110 hp. s. (gas) Struthers, Wells; trolley volt. 550 v.
Power sta. and repair shop at Corry.
Reaches Recreation Park at Columbus, Fair Grounds, Race Track and Baseball Park at Corry.
5 miles; 4-8½ g.; 4 motor cars. (Extension to be built north from Columbus to Clymer, Sherman and Summerdale to Mayville, N. Y. connecting at that point with Chautauqua Trac. Co's line for Westfield, Chautauqua and Jamestown; during 1918 expects to build 16 miles of line between Columbus, Pa., and Sherman, N.Y.) ★127

DANIELSVILLE. 1,000.

914—Blue Ridge Traction Co.—Office, Danielsville. (Connects Danielsville, Edgemont, Berlinsville, Walnutport and Slatington.)
*Pres. Jay K. Hower.....Danielsville
Sec. H. H. Hower..... "
Treas., Gen. Mgr. & Pur. Agt.
C. C. Marsh..... "
Elecl. Engr. & M. M.,
Robt. F. Bartholomew..... "
Energy purchased from Lehigh Valley Transit Co.
Repair shop at Danielsville.
Reaches Edgemont Park (controlled).
7 miles; 4-8½ g; 6 motor and 4 other cars. (15 miles under construction.)
Company does lighting. 116

DANVILLE. 7,517.

915—Danville & Sunbury Transit Co.—Office, Danville. (Will connect Danville, So. Danville, Riverside, Klines Grove and Sunbury.)
Pres. Simon Krebs.....Somerset
*Sec. & Treas. Chas. P. Hancock..Danville
Gen. Mgr. & Pur. Agt.
Arthur H. Woolley..... "
M. M., Richard B. Hullihen..... "
Energy purchased from Columbia & Montour Elec. Co; repair shops at Danville.
Reaches Riverside park.
14 miles; 4-8½ g; 4 cars. (Under construction—part in operation.) 47

DOWNINGTON. 3,326.

(See No. 1062.)

DOYLESTOWN. 3,408.

(See also No. 977.)

916—Philadelphia & Easton Elec Ry. Co.—Office, Doylestown. (Reorganization of Philadelphia & Easton Ry. Co.) (Connects Doylestown and Easton.)
Receivers { Pres. A. H. Sickler..Philadelphia; Godfrey Shmidheiser "
V. Pres. Amos Johnson Lambertsville, N. J.
*Sec., Gen. Mgr. & Pur. Agt.
W. S. Chambers.....Doylestown
Treas. H. G. Rush.....Lancaster
M. M., Wm. Steele.....Raubsville
Roadmaster, Chas. Krial.....Revere
Purchases energy from Clymer Pwr. Co.
Repair shops at Raubsville.
32 miles; 5-2¼ g; 8 motor pass. cars and 7 other motor cars. ★127

DUBOIS. 12,623.

917 — DuBois Traction Co.—(Connects Falls Creek, Sykesville and Big Run.) (Controlled by DuBois Elec. & Trac. Co., which is operated by the United Service Co.) (The Keystone Utilities Co. has taken over the Du Bois Elec. & Trac. Co.)
Pres. L. G. La Bar.....Scranton
V. Pres. W. B. Brubaker..... "
Sec. & Treas. W. H. Davis..... "
Mgr. Robt. B. Blakeslee.....Du Bois
Purchases energy from Du Bois Elec. Co.
Repair shop at Dubois.
Reaches Edgemont and Hands Parks.
5.2 miles; 4-8½ g; 9 motor cars and 1 other car. ★127

918 — United Trac. St. Ry. Co.— Office, 13 E. Long Ave., Du Bois, Pa. (Connects Du Bois, Eriton, Stanly, Sykesville and Big Run, also Falls Creek on Du Bois Trac. Co's. line.)
Pres. & Gen. Mgr. Austin Blakeslee Du Bois
V. Pres. H. E. Ginter..... "
*Sec. & Supt. Irvin Blakeslee.... "
Treas. J. W. Schoch..... "
Energy purchased from Du Bois Elec. Co.
12.79 miles; 4-8½ g; 4 motor pass. cars and 1 other motor car. ★18

DUQUESNE. 15,727.

919—Duquesne & Dravosburg St. Ry. Co. — Office, First Natl. Bank Bldg. (Connects Duquesne & Dravosburg.)
Pres. John Cato.....Coraopolis
V. Pres. A. C. Purdy..... } Frick Annex
*Sec. A. J. Krill..... } Pittsburg
Treas. W. J. Leader.....Duquesne
Audr. M. Briggs..... "
Supt. & Engr. Ovhd. Constr.
E. T. Lewis..... "
Energy purchased from Pittsburg Rys. Co.
Repair shop, Kennedy Ave. & Mifflin St., Duquesne.
4 miles; 5-2½ g; 1 motor car and 1 other car. 56

EASTON. 28,528.

(See also Nos. 896 and 916.)

920—Easton Transit Co.—Office, 14th & Gordon Sts., Allentown. (The Easton & So. Bethlehem Transit Co. has been merged into this company. Controlled by the Easton Consolidated Elec. Co., which in turn is controlled by the Lehigh Valley Transit Co.) (Connects Easton, Bethlehem, So. Bethlehem, Nazareth and Freemansburg.)
Pres. & Gen. Mgr.
Harrison R. Fehr..... Allentown
V. Pres. S. H. Hackett.....Easton
Sec. & Treas. F. A. Hazzard...Allentown
Asst. Sec. & Asst. Treas. S. H. Sargent 1411 Chestnut St., Philadelphia
Pur. Agt. W. R. Fehr.....Allentown
Supt. W. E. Titus.....Easton
Claim Agt. W. J. Trythall.....Allentown
Engr. M. of Way, A. F. Smith... "
M. M., W. C. Klein..... Easton
Line Foreman, F. E. Crick..... "
Energy purchased from Penn. Utilities Co.; trolley volt. 550 v.
Repair shops, Easton.
Reaches Oakland and Island Parks.
46 miles; 4-8½ g; 45 closed cars, 20 open cars, 12 open trail cars and 10 work cars. ★18

921—Northampton, Easton & Washington Traction Co.— Office, 341 Northampton St. (Connects Easton and Phillipsburg, Stewartsville, New Village, Broadway, Washington, Port Colden and Pt. Murray, N. J.)
Chmn. Bd. Thomas A. H. Hay... Easton
Pres. A. B. Haring....Frenchtown, N. J.
V. Pres. Gen. Mgr. & Pur. Agt.
W. O. Hay.....Easton
Treas. W. L. Doyle..... "
Sec. & Audr G. K. Smith..... "
Supt. Wm. Coleman...Washington N. J.
Claim Agt. C. B. Brunner..... Easton
Elec. Engr. J. T. Rood..... "
M. M., N. C. Slater....Washington, N. J.
Power sta. equip. 2 d. c. G. E. tot. 650 kw; 900 hp. e. B. & W., Atlas; 900 hp. b. Mcl. & S; trans. & trolley volt. 585 v.
Power sta. and repair shops, Port Colden.
Reaches Silver Spring Forest (owned).
17 miles; 4-8½ g; 6 cars. (Contemplates building line to Hackettstown, 8 miles). ★127

922—Northampton Traction Co.— Office, 341 Northampton St. (Connects Easton, Tatamy, Nazareth and Bangor with direct connections for Delaware Water Gap & Stroudsburg.) (In 1916, acquired property of Bangor & Portland Trac. Co.)
Chmn. of Bd. Thomas A. H. Hay.. Easton
Pres. A. B. Haring....Frenchtown, N. J.
V. Pres., Gen. Mgr. & Pur. Agt.
W. O. Hay.....Easton
Treas. Wm. L. Doyle..... "
*Sec. & Audr. G. K. Smith..... "
Claim Agt. C. B. Brunner..... "
Elec. Engr. J. T. Rood..... "
M. M. Chas. Eichman..... "
Roadmaster, Jacob Kahler..... "
Park Mgr. P. M. Thomas..... "
Purchases energy.
Owns Bushkill Park.
25 miles; 4-8½ g; 20 motor cars and 2 other cars. ★127

EAST STROUDSBURG. 3,330.

(See No. 1017.)

ELIZABETHTOWN. 2,587.

(See Nos. 935 and 946.)

ELK LICK. 1,000.

923 — Pennsylvania & Maryland St. Ry. Co. — (Connects Salisbury, Meyersdale and Garrett; will extend to Berlin and Somerset.)
Pres. C. H. Jennings.....Towanda
*V. Pres., Gen. Mgr. & Pur. Agt.
H. H. Manst.....Elk Lick
Sec. & Treas. J. L. Barchus..... "
Elec. Engr. John Blough .....Boynton
Engr. Pwr. Sta. A. Blocher.....Elk Lick
Power sta. equip. 1 d. c. Ridg. 300 kw; 500 hp. e. Ridg; 450 hp. b. Erie; trolley volt. 575 v.
Power sta. and repair shops, Boynton
12.5 miles; 4-8½ g; 4 cars 65

EPHRATA. 3,193.

924 — Ephrata & Lebanon St. Ry. Co.—Office, Lebanon. (Property operated by Ephrata & Lebanon Trac. Co.)
Pres. A. F. Lane.....Ephrata
V. Pres. H. O. Evans..... "
Sec. Geo. D. Krause.....Lebanon
Treas. Dr. E. B. Gloninger..... "
67j

925—Ephrata & Lebanon Trac. Co —Office, 223 4th Ave., Pittsburg. (Operates the property of the Ephrata & Lebanon St. Ry. Co.) (Connects Ephrata, Lincoln, Weidmansville, Clay, Hopeland, South Mountain, Kleinfeltersville, Schaefferstown, Reistville, Iona and Lebanon.)
Pres. & Gen. Mgr.
Chas. O. Collett..... Pittsburgh
V. Pres. H. Alexander Dean.. "
Audr. W. F. Rupp..... "
*Gen. Supt., Gen. Fgt. & Pass., & Pur. Agt. & Elec. Engr.,
H. A. Albin.....Lebanon
M. M., John Ritter..... "
Engr. M. of W., Sam'l Heiney. "
Engr. Ovhd. Constr. S. H. Suter. "
Energy purchased: trans. volt. 11,000 v; trolley volt. 600 v. (overhead catenary).
Repair shops, Lebanon.
23 miles; 5-2½ g; 5 cars. 67

ERIE. 66,525

(See Nos. 631, 632, 927 and 957.)

GIRARD. 1,165.

927—Cleveland & Erie Ry. Co.— Address Box 43, Girard, Pa. General office at Elk Park. (Successor to Conneaut & Erie Trac. Co., and leases line

in Ohio of same name.) (Connects Erie, Girard and East Springfield, Pa., and Conneaut, O.)
Pres. C. E. Willock.....Pittsburgh
V. Pres. Henry E. Fish.....Erie
*Sec., Asst. Treas., Gen. Mgr. & Pur. Agt. J. M. Smith.....Girard
Treas. J. R. McDonald.....Erie
Engr. Pwr. Sta. B. H. Sheldon.....No. Girard
M. M., C. F. Doolittle..... " "
Road-masters, F. W. Dasen Eastern Div.....Swanville; F. W. Iseli, Middle Div...E. Springfield; A. L. Everett, Western Div... "
Power sta. equip. 2 d. c. C.-W. tot. 800 kw; 1200 hp. e. Penn; 800 hp. b. Bab. & W; trolley volt. 550-575 v.
Power sta. and repair shop at Elk Creek, Pa. (No P.O.)
Reaches Elk Park, owned.
31.20 miles; 4-8½ g; 8 motor and 12 other cars. ★127

GIRARDVILLE. 4,896.

928—Schuylkill Railway Co.—Office, Girardville. (Operates Schuylkill Lt. Ht. & Pwr. Co.) (Connects Mahanoy City, Shenandoah, Girardville and Ashland; also Frackville and St. Clair and extends to Pottsville over Eastern Pennsylvania Rys. Co's. line.)
Pres. Powell Evans
203 Washington Ave., Philadelphia
Sec. & Pur. Agt. Thos. Evans "
Andr. F. T. Watson.....Girardville
*Gen. Mgr. Wm. S. Leib..... "
Supt. T. J. McAndrews..... "
Engrs. Wm. Bracy..... "
Pwr. Stas. W. J. Pounder, Mahanoy City
M. M., G. H. Michael.....Girardville
Roadmaster, P. J. McAsay.. "

MAHANOY CITY POWER STA. EQUIP.—2 d. c. Westg. tot. 500 kw; 500 hp. e. Westg; 500 hp. b. Natl; trolley volt. 525 v.

GIRARDVILLE POWER STA. EQUIP.—4 d. c. G. E, Westg. tot. 1195 kw; 1100 hp. e. Ham, Cor, Frick; 1200 hp. b. Keeler.
Power stas. at Girardville & Mahanoy City; repair shops at Girardville.
Owns Woodland Park and reaches High Point Parks.
40 miles; 4-8½ g; 54 cars; 2 sweepers. 56

GREENSBURG. 13,012.

928a—West Penn Rys. Co. (Connects Youngwood, Greensburg, Jeannette, Irwin and Trafford City.) For general officers see Pittsburgh.
Supt. C. W. Michaels.....Greensburg
Repair shops at Greensburg.
Owns Oakford Park.
Mileage and equip. included in report of company at Pittsburg. ★18

GROVE CITY. 3,674.

929—Butler & Grove City Ry. Co.—Office, Grove City. (Will connect Butler, Prospect, West Liberty, Slippery Rock, Armstrong and Grove City.)
Receivers J. M. Martin.....Grove City; Treas. M. W. Graham "
Pres. S. A. Taylor.....Pittsburgh
V. Pres. John Carruthers.....Grove City
Sec. F. W. Dougherty..... "
*Mgr. Jas. A. Jolliffe..... "
Repair shops, Grove City.
Will reach Barmore Lake Park near Grove City, and Alameda Park near Butler.
5 miles completed but not in operation: 4-8½ g. (Expects to build 4 miles of track during 1918, and place in operation division between Grove City and Slippery Rock.) ★107†

HANOVER. 7,057.

930—Hanover & McSherrystown St. Ry. Co.—Office, Hanover. (Connects Hanover, McSherrystown, Conewago Chapel and Littlestown. Operated by United Service Co.) (The Keystone Utilities Co. has taken over this property.)
Pres J. E. Weissenfluh.....Scranton
V. Pres. W. C. Sharp..... "
Sec. & Treas. F. B. Atherton.. "
Gen. Mgr. & Pur. Agt. E. H. Ramsbotham.....Hanover
Park Mgr. E. M. Grumbine..... "
Energy purchased from Hanover Lt. Ht. & Pwr. Co; trolley volt. 500 v.
Repair shop at Hanover.
Owns Eichelberger Park and reaches Conewago Park.
12 miles; 4-8½ g; 20 motor and 2 other cars. ★127

HARRISBURG. 64,186

(See also Nos. 552 and 960.)

931—Harrisburg Rys. Co.—Office, 12 So. Market Sq., Harrisburg. (Leases and operates the Middletown, Highspire & Steelton St. Ry. Co., Harrisburg Trac. Co. and Harrisburg City Pass. Ry. Co.) (Connects Harrisburg, Steelton, Highspire, Middletown, Hummelstown, Progress, Linglestown, Oberlin, Paxtang and Rockville.)
*Pres. & Gen. Mgr. Frank B. Musser.....Harrisburg
V. Pres. B. F. Myers..... "
Sec. Treas. & Pur. Agt. John O'Connell..... "
Supt. F. M. Davis..... "
Claim Agt. C. L. Brinser..... "
Ch. Engr. D. B. Molst..... "
Elec. Engr. P. F. Gerhart..... "
Ch. Engr. Pwr. Sta. John Gehr "
M. M., A. F. Rexroth..... "
Roadmaster, J. W. Anderson.. "
Power sta. equip. 3 d. c. Bull, tot. 1950 kw. connected to Allis-C. engines; 1 d. c. G. E. 1500 kw. connected to H. O. & R. Ham. Cor. engine: 1 d. c. G. E. 150 kw. connected to Harrisburg Ideal engine; 2825 hp. b. Tudor, Bab. & W; trolley volt. 600 v.
Power sta. at So. Cameron St.; repair shop at Cameron and Forster Sts.
Reaches Paxtang Park (partly owned and leased).
73.51 miles; 5-2½ g; 120 motor pass. cars and 11 other pass. cars; 12 other motor cars. ★127

HAZLETON. 25,452.

932—Lehigh Traction Co.—Office, 22-28 No. Wyoming St. (Connects McAdoo, Freeland, Drifton, Jeddo, Ebervale, Lattimer, Milnesville, West Hazleton and Jeanesville.) (The Wilkes-Barre & Hazleton R. R. Co. owns 92 p.c. of stock.)
Pres. A. Markle.....Hazleton
V. Pres. Gen. Mgr. Pur. Agt. & Park Mgr. C. B. Houck..... "
Sec. & Treas. N. C. Yost..... "
Audr. C. J. Kirschner..... "
Cashier. W. Wear..... "
Traffic Mgr. & Gen. Fgt. & Pass. Agt. G. A. Zeeb..... "
Claim Agt. James P. Gorman.. "
Elec. & Signal Engr. Wm. Schwartz..... "
M. M., James Brown..... "
Engr. Maint. of Way, Benj. Norris "
Energy purchased from W. B. & Hazleton Ry. Co.
Repair shop at Hazle Park.
Owns Hazle Park.
23 miles; 4-8½ g; 30 pass. cars and 10 other cars. 127

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933 — Wilkes-Barre & Hazleton Ry. Co.—Office, 22-28 No. Wyoming St., Hazleton. (Connects Wilkes-Barre and Hazleton; runs over 1½ miles of Lehigh Trac. Co's. tracks.) (Controls Anthracite Power Co.) (Owned by Wilkes-Barre & Hazleton R. R. Co.)

Pres. A. Markle.....Hazleton
V. Pres., Gen. Mgr. & Pur. Agt. C. B. Houck..... "
Sec. & Treas. N. C. Yost..... "
Audr. C. J. Kirschner..... "
*Cashier, W. Wear..... "
Claim Agt. James P. Gorman... "
Traffic Mgr., Gen. Fgt. & Pass. Agt. G. A. Zeeb..... "
Elec. & Signal Engr. & Engr. Overhead Constr. John Warner "
Ch. Engrs. } Wm. Hopkins..... "
Pwr. Sta. } Lew Welliver..... "
M. M. James Brown..... "
Engr. Maint. of Way, Benj. Norris "

Power sta. equip. 3 a. c. W. E. tot. 1200 kw. 390 v. 3 ph. 25 cys; 1800 hp. e. Brown: 2100 hp. b. Heine; 2000 kw. turb. (stm.) West; trans. volt. 15,750 v; trolley volt. 625 v.

Power sta. St. Johns; repair shops, Hazle Park.

Reaches Hazle Park (owned by Lehigh Trac. Co.)

29 miles (3d rail); 4-8½ g; 10 pass. cars and 10 other cars; 1 elec. loco. ★127

934 — Wilkes-Barre & Hazleton R. R. Co.—Offices at Hazleton, Pa., and Jersey City, N. J. (Owns the Wilkes-Barre & Hazleton Ry. Co., the Wilkes-Barre Term. R.R. Co. and 92 p.c. of stock of Lehigh Trac. Co.)

Pres. A. Markle..... Hazleton
V. Pres. C. B. Houck..... "
Sec. N. C. Yost..... "
Asst. Sec. A. Markle, Jr. ..... "
Treas. W. H. Remick....New York, N. Y. ★127

HECLA.

(See Nos. 948 and 991.)

HERSHEY. 2,347.

935 — Hershey Transit Co.—Office, Hershey. (Connects Palmyra, Hummelstown, Hershey, Campbelltown, Lebanon and Elizabethtown; at Elizabethtown connects with the lines of the Conestoga Trac. Co., at Hummelstown with lines of Harrisburg Rys. Co. and at Lebanon and Palmyra with lines of Reading Transit & Lt. Co.)

Pres. M. S. Hershey.....Hershey
Sec. John E. Snyder..... "
Treas. Wm. H. Lebkicher..... "
Gen. Mgr. J. B. Leithiser..... "
*Supt. & Pur. Agt. J. R. Kreider. "
Engr. Maint. of Way, H. N. Herr "
Park Mgr. A. T. Hellman..... "

Power sta. equip. 1 d. c. Westg. 150 kw; 250 hp. e. B. & J. (stm. purchased); ——kw. Gould stor. bat; trolley volt. 550 v.

Power sta., Hershey; repair shops, Hershey and Lebanon.

Reaches Hershey Park (owned by M. S. Hershey).

35 miles; 5-2½ g; 28 motor and 4 other cars. 67

HOMESTEAD. 18,713.

936—Homestead & Mifflin St. Ry. Co.—Office, 805 Amity St., Homestead. (Connects Homestead, Homestead Park and Lincoln Place.)

Pres. J. B. Coen.....Homestead
V. Pres. Hugh L. Nevin..... "
Sec. Robt. McWhinney..... "
*Treas & Supt. C. H. Kapp... "
Audr. Fred. J. Hahn..... "
Claim Agt. R. C. Davis Union Arcade, Pittsburg
M. M., J. C. Schweinberg....Homestead

Purchases energy from Pittsburg Rys. Co.

Repair shop, Main St., Homestead Park. Owns and controls Homestead Park.

3.25 miles; 5-2½ g; 10 motor cars, and 1 other car. 127

HUMMELSTOWN. 2,128.

(See Nos. 931 and 935.)

HUNTINGDON. 6,861.

937—Huntingdon, Lewistown & Juniata Valley Trac. Co.—Office, 416 Penn St., Huntingdon. (Will connect Huntingdon, Mt. Union, Mill Creek, Allensville, Belleville and Reedsville.)

Pres. R. J. Mattern.....Huntingdon
Sec. J. R. Simpson..... "
*Treas. & Gen. Mgr. F. Blair Isenberg..... "
Supt. R. M. Peightal..... "
M. M., H. P. Grove..... "

Power rented from Penn Central Lt. & Pwr. Co.; 1 a. c. Ft. W. 550 kw; 1 d. c. Ft. W. 182 kw; trans. volt. 2300 v; trolley volt. 550 v.

Repair shops, Huntingdon.

1.75 miles in operation; 6 cars. 127

INDIANA. 5,749.

937a—Indiana County St. Ry. Co.—Office, Indiana. (Connects Indiana, Clymer, Ernest, Creekside, Homer City, Graceton, Coral, Josephine, Blacklick and Blairsville.)

Pres. J. B. Phelan.....Indiana
V. Pres. H. E. Clark.....Glen Campbell
Sec. & Treas. John G. St. Clair..Indiana
*Gen. Mgr. & Claim Agt. Frank L. Neff..... "
Supt. Irwin Barry..... "
Ch. Engr. Pwr. Sta. G. M. Hill..... "
M. M. Orin Stiffler..... "

Power sta. equip. 1 d. c. West. 300 kw; 2 a. c. West, Allis-C. tot. 1500 kw. 6600 v. 3 ph. 60 cys; 300 hp. e. Phoenix; 1500 hp. b. Bab. & W; 1500 kw. stm. turb. West, Allis-C; trans. volt. 6600 v; trolley volt. 600 v.

Power sta., three miles south of Indiana; repair shops, Indiana.

Reaches Idlewood and Locust Parks.

36 miles; 4-8½ g; 8 motor pass. cars and 2 other cars. 127

IRWIN. 2,886.

938 — The Irwin-Herminie Trac. Co.—Office, Irwin. (Connects Irwin, Fairmont, Hahntown, Chambers, Rilliton and Herminie.)

*Pres. & Gen. Mgr. C. H. Bolton...Irwin
V. Prests. { R. A. Troop, 1st. Ave., Pittsburg
V. Prests. { Treas. L. H. Taylor.....Irwin
Sec. & Audr. Jas. I. Marsh..... "
Ch. Engr. Milton Campbell..... "
Elec. Engr. & Engr. Ovhd. Constr. Frank Barnard.....Larimer
Engr. M. of W. Edw. Wilson...Herminie

Energy purchased from West Penn Elec. Co.; trans. volt. 2200 v; trolley volt. 550 v.

Repair shops, Irwin.

5.5 miles; 5-2½ g; 5 motor and 3 other cars. (Will extend line to Export.) 127

JERSEY SHORE. 5,881.

939 — Jersey Shore & Antes Fort R. R.—Office, Jersey Shore. (Connects Jersey Shore, Antes Fort and Nippono Park.)

Pres. Robt. McCullough....Jersey Shore
V. Pres Robt. Cameron.... "
Sec. Guy H. Martin..... "
Treas. G. J. Deniston..... "
*Gen. Mgr. & Pur. Agt. C. B. McCullough..... "

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Roadmaster, Wm. Wright....Antes Fort
Energy purchased from Jersey Shore Elec. St. Ry. Co.
Repair shops, Jersey Shore.
4.5 miles; 4-8½ g; 2 motor cars. (Hauls freight by steam.) 117

940—Jersey Shore Elec. St. Ry. Co.—(Owned by Lycoming Improvement Co., Williamsport, Pa.) (Connects Jersey Shore, Vilas and Avis).
Pres. & Gen. Mgr. Ernest H. Davis, Williamsport
V. Pres. Garrett Cochran... "
Sec. & Treas. J. W. Cochran, Jr. "
Audr. H. H. Hill..... "
Supt. & Pur. Agt. Lloyd Thomas Jersey Shore
Power sta. equip. 2 a. c. Westg. tot. 280 kw. 2 ph. 60 cys; 1000 hp. e. Nord, Cor; 775 hp. b. Keeler, Bab. & W.
Power sta. and repair shops at Railway and Culvert Sts.
Reaches Avis Base Ball Park.
5.1 miles; 4-8½ g; 15 cars, 1 snow plow. 127

JOHNSTOWN. 55,482.

(See also No. 1015.)

941—Johnstown Trac. Co.—Office, Central Ave. (Connects Johnstown and Windber.) (Formed by merger of the old Johnstown Trac. Co. and its leased line, the Johnstown Pass. Ry. Co.)
Pres., Gen. Mgr. & Pur. Agt.
E. M. duPont.....Johnstown
V. Pres. L. L. Dunham...New York, N. Y.
Sec. S. E. Young.....Johnstown
Treas. Jos. McAneny..... "
*Ch. Engr. G. Nelson Smith.. "
Elecl. Engr. & M. M.
C. J. Devine..... "
Ch. Engr. Pwr. Sta.
Norris Orms..... "
Power sta. equip. 3 d. c. Westg. tot. 1500 kw; 2250 hp. e. St.; L, H. O. & R; — hp. b. —; trolley volt. 550 v.
Power sta. at Baumer St.; repair shop Central Ave.
Reaches Luna and Island Parks.
35.7 miles: 4-8½ g; 72 motor and 34 other cars; 2 snow plows. 67

942—Southern Cambria Ry. Co.—Office, Johnstown. (Connects Johnstown, Conemaugh, Mineral Point, South Fork, Ebensburg and Nanty Glo; will connect with No. Cambria St. Ry. at Carrolltown.)
Receiver, Cambria Trust Co., Johnstown
Pres. (Agt. for Receiver)
P. J. Little.....Ebensburg
V. Pres. Geo. M. Wertz.....Johnstown
Sec. & Treas. Gomer Walters.. "
*Gen. Mgr. & Pur. Agt.
C. A. Houghton..... "
Engr. Pwr. Sta. Harris Wakefield "
Power sta. equip.; 2 d.c. G. E. tot. 1600 kw: 2400 hp.e. F. & S; 900 hp.b. Bab. & W.
Power sta. and repair shop, Brookdale.
80 miles; 4-8½ g; 9 motor and 4 other cars. ★127

943—South Fork-Portage Ry. Co.—Office, Leader Bldg., Johnstown. (Will connect South Fork, Ehrenfeldt, Summerhill, Wilmore and Portage.)
Pres. Robt. Pearce.....Portage
V. Pres. Henry J. Raab.....Johnstown
*Sec., Gen. Mgr. & Ch. Engr.
O. P. Thomas..... "
Treas. A. J. Strayer..... "
Engr. Ovhd. Const.
Lewis R. Sheehan..... "
Energy purchased from Penn Central Lt. & Pwr. Co.; trans. volt. 45,000 v; trolley volt. 1200 v; 1 a. c. West. rot. conv. 300 kw. 45,000 v. 3 ph. 60 cys; sub-sta. at Portage.

7.5 miles; 4-8½ g; 1 motor car. (Under construction; one-half of road completed.) 126

KENNETT SQUARE. 2,049.

944—West Chester, Kennett & Wilmington Elec. Ry. Co. (Absorbed Oxford, Westgrove & Avondale St. Ry. Co.) (Connects Avondale, Toughkenamon, Kennett Square, W. Grove, Pa., Yorklyn, Hockessin and Wilmington, Del.)
Pres. Geo. Kessler, 981 Drexel Bldg., Phila.
V. Pres. Clarence L. Harper..... "
Sec. & Treas. Philip E. Guckes... "
*Gen. Mgr., Claim & Pur. Agt.
H. Baluss..... ...Kennett Square
M. M., W. C. Whiting.... "
Power sta. equip. 2 d. c. C-W. tot. 700 kw; 1000 hp. e. Clark; 1000 hp. b. Stir; trolley volt. 600 v.
Power sta. and repair shop at Kennett Square.
Reaches Brandywine Springs and Sharpless Park.
26.4 miles: 5-2¼ g: 6 motor pass. cars and 2 other motor cars; 4 other cars. ★127

KITTANNING. 4,311

945—West Penn Rys. Co.—(Connects Kittanning, Manorville and Ford City.)
For general officers see Pittsburgh.
Supt. Luther Widdowson .....Kittanning
Repair shops at Garretts Run.
Controls Lenape Park.
10.21 miles: 4-8½ g: 12 motor pass. cars, 1 express car, 1 motor work car and 1 other car. ★18

LANCASTER. 47,227.

(See also No. 912a.)

946—Conestoga Traction Co.—Office, Orange St. (Leases and operates Lancaster City St. Ry., Lancaster & Lititz Ry., Lancaster, Willow St., Lampeter & Strasburg Ry., Lancaster & Columbia Ry., Lancaster & Millersville Ry. Co., Elizabethtown & Florin Ry., Columbia & Ironville Ry., Columbia & Donegal Ry., Lancaster, Mechanicsburg & New Holland Ry., Lancaster, Petersburg & Manheim Ry., Christiana & Coatesville St. Ry. Co. (which connects Philadelphia, Coatesville and Lancaster), Lancaster & Rocky Springs Ry., Ephrata & Adamstown Rv., Lancaster & Quarryville St. Ry., Rohrerstown, Landisville & Mt. Joy Ry., Lancaster & Eastern St. Ry. (which connects Lancaster, Williamstown, Leaman Place, Gap and Christiana) and New Holland, Blue Ball & Terre Hill St. Ry. Co. (which connects Blue Ball and Terre Hill with New Holland and Lancaster.) (The common stock of this company is owned by Lancaster County Ry. & Lt. Co., which is controlled by United Gas & Elec. Corpn.)
Pres. W. W. Griest.....Lancaster
A. Pres. Geo. Bullock
61 Broadway, New York, N. Y.
Sec. & Treas. John M. Groff....Lancaster
*Gen. Mgr. R. B. Hull..... "
Claim Agt. R. N Eby..... "
Gen. Fgt. Agt. C. E. Hoffman.. "
Gen. Supt. H. W. Brubaker.... "
Engr. H. W. Crawford..... "
Consit Elec. Engr.
Jefferson E. Kershner .....Lancaster
Energy purchased from Penn. Wtr. & Pwr. Co., Holtwood; gen. sta. held in reserve; sub-stations at Neffsville, Reamstown, Lampeter, Groffdale, Salunga, Martinsville, Vintage, Rheems and Parkesburg.
Repair shops at Lancaster

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Reaches Crystal Springs and Rocky Springs Parks; controls Chickie's Park.
163.75 miles; 5-2½ g; 123 motor pass. cars and 28 other motor cars; 18 other cars. ★127

947—Lancaster County Ry. & Lt. Co.—(Controls through ownership of all or a majority of the common stock, Conestoga Traction Co., Edison Elec. Co., Lancaster Gas, Lt. & Fuel Co., (which owns a majority of the common stock of the Columbia Gas Co.,) and Conestoga Realty Co., and is itself controlled by United Gas & Elec. Corpn., New York, N. Y.)
Pres. W. W. Griest.....Lancaster
V. Pres. Geo. Bullock
61 B'way, New York, N. Y.
Sec. J. A. McKenna " "
Treas. A. L. Linn, Jr.
61 Broadway, " "
Asst. Sec. & Asst. Treas.
John M. Groff.....Lancaster
★127

LANSFORD. 8,831.
(See No. 998.)

LATROBE. 8,777.
(See also No. 991.)

948—West Penn Rys. Co.—(Connects Latrobe, Baggaley and Youngstown; at Hecla makes connections for points in Westmoreland and Fayette Counties.) For general officers see Pittsburgh.
Supt. T. N. Shaw.....Latrobe
Repair shops, Latrobe.
Mileage and equip. included in report of company at Pittsburg. ★18

LEBANON. 19,940.
(See also Nos. 924, 925 and 935.)

949—Reading Transit & Lt. Co. Lebanon Div.—Office, 742 Cumberland St. (Leases the Lebanon Valley St. Ry. Co. (stock owned by The United Pwr. & Transpt. Co.) connecting Myerstown, Avon, West Lebanon, Palmyra, Annville and Independent District.) For general officers, see Reading.
Mgr. A. E. Ward.....Lebanon
Energy from Metropolitan Edison Co; trolley volt. 550 v.
Generating sta. rear 170 N. 8th St. Repair shop at 15th and Cumberland Sts.
24 miles; 5-2½ g; 18 motor and 6 other cars. ★127

LEECHBURG. 3,624.

950—West Penn Rys. Co.—(Connects Apollo, Vandergrift, Hyde Park and Leechburg.) For general officers see Pittsburgh.
Supt. J. H. Silvis.....Leechburg
Repair shops at Leechburg.
Controls Allison Park near Apollo.
8.45 miles; 5-2½ g; 8 motor pass. cars, 1 work car and 1 other car. ★18

LEMOYNE. 1,893.

951—Valley Rys.—Office, Lemoyne. (Controls Harrisburg & Mechanicsburg Elec. Ry. Co., West Fairview & Marysville Elec. St. Ry. Co., White Hill & Mechanicsburg Pass. Ry. Co., Carlisle & Mechanicsburg St. Ry. Co. Connects Harrisburg, Camp Hill, Shiremanstown, Mechanicsburg, Boiling Springs, Carlisle, New Cumberland, White Hill, Lemoyne, Marysville, Wormleysburg, Fairview and Enola.)
*Pres. & Pur Agt.
C. H. Bishop.....Lemoyne
Sec. & Treas. C. M. Davison, Chambersburg
Ch. Engr. & M. M., A. S. Bents....Lemoyne
Elec. Engr. J. C. Thompson....Lemoyne
Engr. Maint. of Way,
Edw. A. Shissler..... "
Park Mgr. H. B. Markley...Boiling Springs
Purchases energy from United Elec. Co., Lemoyne, Pa.; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shops, Lemoyne.
Controls Boiling Springs Park.
44 miles; 5-2½ g; 39 cars. 127

LEWISTOWN. 8,166.

952—The Lewistown & Reedsville Elec. Ry. Co.—Office, 43 W. Market St., Lewistown. (Connects Lewistown, Lewiston Junction, Reedsville, Yeagartown and Burnham.)
Pres. & Pur. Agt.
J. I. Quigley.....Lewistown
V. Pres. Jno. E. Zimmermann
611 Chestnut St., Phila.
Sec. & Treas. Chas. Day
611 Chestnut St., "
*Audr. & Claim Agt.
G. T. Hawke.....Lewistown
Gen. Mgrs. & Engrs. Day & Zimmermann
611 Chestnut St., Phila.
Supt. C. E. Goesard.....Lewistown
Power sta. equip. (reserve) 3 d.c. Westg. tot. 733 kw; 900 hp. e. West, H. F. & M; —— hp. b; trolley volt 600 v.
Energy purchased from Penn Central Lt. & Pwr. Co.
Power sta. and repair shop, Lewistown. Owns amusement park.
10.5 miles; 4-8½ g; 21 motor pass. cars and 1 other motor car; 1 other car. ★127

LINGLESTOWN.
(See No. 931.)

LOCK HAVEN. 7,772.

953—Susquehanna Traction Co.—Office, 24 W. Main St. (Connects Lock Haven, Flemington and Mill Hall.)
Pres. & Treas. Jacob Scott..Lock Haven
V. Pres. P. P. Griffin..... "
Sec. Henry Hipple..... "
*Gen. Mgr. & Pur. Agt.
T. C. Keller..... "
Ch. Engr. L. H. Yost..... "
Power sta. equip. 2 d. c. Westg. tot. 300 kw; 460 hp. e. Quincy; 200 hp. b. Phoenix; trans. volt. 150 v; trolley volt. 550 v.
Power sta. and repair shop at Peach & Pearl Sts., Lock Haven.
5.5 miles; 4-8½ g; 11 motor and 3 other cars. 127

LYKENS. 2,943.
(See No. 1040.)

McDONALD. 3,500.

953a—West Penn Rys. Co. (Connects Oakdale and McDonald.) For general officers see Pittsburgh.
Supt. H. W. Ebel.....McDonald
4.31 miles; 5-2½ g; 3 motor pass. cars. ★18

McKEESPORT. 42,694.
(See also Nos. 990 and 991.)

954—West Penn Rys. Co. (Operates between Irwin and McKeesport.) For general officers see Pittsburgh.
Supt. Joseph E. Black.....McKeesport
Reaches park.
Mileage and equip. included in report of company at Pittsburg. ★18

955—Highland Grove Trac. Co.—General office, 539 Jerome St. (Extends from McKeesport to North McKeesport, with a line to East Pittsburg, where connection is made with the Pittsburg Ry. Co.'s line.)
Pres. T. H. Bowman.....McKeesport
Sec. & Treas. S. M. Bowman..... "

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*Gen. Mgr. & Pur. Agt.
John M. Lyle.....McKeesport
Engr. M. of W. & Ovhd.
Constr. Fred Lang..... "
Energy purchased from Pittsburg Rys. Co.
Repair shops at North McKeesport.
3 miles; 4-8½ g; 4 motor cars and 1 other car. (Contemplates building a line between McKeesport and East Pittsburg.)
★127

MAHANOY CITY. 15,986.

(See No. 928.)

MAHONINGTOWN.

(See No. 855.)

MARS. 1,800.

(See No. 987.)

MASONTOWN. 890.

(See No. 991.)

MAUCH CHUNK. 3,952.

956—Carbon Transit Co.—Office 18 Broadway, Mauch Chunk. (Connects East Mauch Chunk, Mauch Chunk, The Switchback, Lehighton, Weissport via Flagstaff Park and Flagstaff Heights.)
Pres. Wm. Dods..... Mauch Chunk
V. Pres. C. H. Latta.....Saylorsburg
*Sec., Gen. Mgr., Pur. Agt., Elec. Engr. & Park Mgr.
J. F. Geiser.....Mauch Chunk
Treas. Geo. H. Mayer..... " "
Ch. Engr. Pwr. Sta.
W. M. Baxter..... " "
Power sta. equip. 2 d. c. West, Allis-C. tot. 600 kw; 1000 hp. e. Russ, Erie, Ball; 625 hp. b. Bab. & W; trans. & trolley volt. 600 v.
Pwr. sta. and repair shops at Mauch Chunk.
Owns Flag Staff Mountain Park and Flagstaff Heights (summer homes.)
12.5 miles; 4-8½ g; 15 motor pass. cars and 2 other motor cars; 7 other cars.
★127

MEADVILLE. 12,780.

957—Northwestern Pennsylvania Ry. Co.—Office, 420 Commerce Bldg., Erie. (Connects Erie, Edinboro, Cambridge Springs, Venango, Saegerstown, Meadville, Harmonsburg and Linesville; also connects with Penna. lines at Linesville for Pittsburg and Erie.) (Controlled by the Northwestern Elec. Service Co., through ownership of common stock.)
Pres. F. F. Curtze.....Erie
V. Pres. & Gen. Mgr.
Chas. M. Hatch..... "
Sec. A. O. Chapin..... "
Treas. A. A. Culbertson..... "
Audr. C. H. Allen..... "
*Gen. Supt. E. O. Shryock.....Meadville
Pur. Agt. F. C. Yockey.....Erie
Ch. Engr. Jas. Briggs..... "
Elec. Engr. S. W. Shannon.....Meadville
M. M., P. J. Barron..... "
Engr. Ovhd. Constr.
J. W. Van Horn..... "
Pub. Agt. G. W. Kuntz.....Erie
Power sta. equip. 5 d. c. G. E. tot. 1175 kw; 1250 hp. e. Weth. Phoenix; 2100 hp. b. Weth, Bab. & W; trans. volt. 33,000-13,000-11,000 v; trolley volt. 600 v; also purchases energy from People's Incandescent Lt. Co., Meadville, and Erie County Elec. Co., Erie, Pa.
Power sta., Meadville; repair shops, Meadville and Erie.
Reaches Exposition Park on Conneaut Lake.
71.5 miles; 4-8½ g; 28 motor pass. cars and 10 other motor cars; 9 other cars.
★127

MEDIA. 3,562.

958—Media, Glen Riddle & Rockdale Elec. St. Ry. Co.—Office, Media. (Stock owned by the United Pwr. & Transpt. Co.; controlled and operated under lease by the Southern Pennsylvania Trac. Co., which is controlled by the Wilmington & Philadelphia Trac. Co.) (Connects Media with Glen Riddle.)
Pres. John A. Rigg.....Philadelphia
Sec. & Treas. T. W. Grookett, Jr. "
5 miles; 5-2¼ g. 127

MILLERSVILLE. 1,400.

959—Lancaster & York Furnace St. Ry. Co.—Office, 12 South Duke St. (Connects Millersville, Marticville, Colemanville and Pequea.)
Pres. J. B. Harnish.....New Danville
V. Pres., Gen. Mgr. & Ch. Engr. John H. Ware....Millersville
*Sec. John H. Myers.....Lancaster
Treas. Elam H. Myers..... "
Audr. N. G. Brenner.....Millersville
Energy purchased from Edison Elec. Co.; trans. volt. 11,000 v; trolley volt. 550 v.
Repair shops at Marticville.
Reaches York Furnace Park at Pequea.
12.2 miles; 5-2½ g; 5 motor and 2 other cars. 127

MILTON. 7,460.

960—Lewisburg, Milton & Watsontown Pass. Ry. Co.—Ex. office, 72 Union Trust Bldg., Harrisburg. Local office, Milton. (Connects Watsontown, Riverside Park, Milton and Lewisburg; also operates, under lease, over Penna. R. R. Co's. tracks (stor. bat. system), the Montandon & Mifflinsburg Ry., connecting Montandon, Lewisburg, Brook Park, Biehl, Vicksburg and Mifflinsburg.)
Pres. John F. Whittaker.....Harrisburg
V. Pres. L. G. Brown.....York
Sec. & Treas.
D. L. Diehl.....Greencastle
*Audr. Asst. Sec. & Asst. Treas.
W. B. Rankin.....Harrisburg
Gen. Mgr. & Pur. Agt.
W. W. Wilson.....Milton
Supt. Claim, Gen. Fgt. & Pass. Agt. & Park Mgr. H. R. Deeter..... "
M. M., W. B. Bubb..... "
Roadmaster, C. E. Coup..... "
Purchases energy from Northumberland County Gas & Elec. Co.; trans. volt. 1140 v; trolley volt. 500 v.
Repair shop at Milton.
Reaches Riverside Park (owned.)
20.28 miles (9.28 owned and 11 leased); 4-8½ g; 13 motor cars and 2 storage battery cars. 18

MONESSEN. 11,775.

(See No. 906.)

MONTOURSVILLE. 1,904.

961—Montoursville Pass. Ry. Co.—Office, 131 Broad St., P. O. Box 419. (Connects Montoursville and Williamsport where connection is made with the lines of Williamsport System at East Third St.)
Pres. Clarence L. Peaslee....Williamsport
V. Pres. F. C. Leonard.....Coudersport
Sec. & Treas. W. P. Beeber Williamsport
*Gen. Mgr. & Pur. Agt.
Frank H. Renninger ....Montoursville
Ch. Engr. Pwr. Sta.
C. B. Mott..... "
M. M. & Engr. Ovhd. Constr.
D. E. Hill..... "
Park Mgr. W. J. Ritchie... "
Power sta. equip. 5 d. c. G. E. W. E. tot. 560 kw; 820 hp. e. McE, Ham, Cor, Weth; 500 hp. b. Keeler; trolley volt.

550 v. d. c. Also purchases energy from Montoursville Elec. Lt. Co.
Power sta. and repair shop at Montoursville.
Reaches Indian Park.
5.5 miles; 4-8½ g; 8 motor cars, 2 other cars. ★127

MT. CARMEL. 17,532.

962 — Shamokin & Mt. Carmel Transit Co. — Office, Mt. Carmel. (Consolidation of the Shamokin & Mt. Carmel Elec. Ry. Co. and the Ashland & Centralia Elec. Ry. Co.; also operates Mt. Carmel & Locust Gap Trac. Co.) (Connects Shamokin, Brady, Kulpmont, Mt. Carmel, Strong, Centralia, Ashland, Beaverdale and Locust Gap.)
*Pres. & Gen. Mgr. E. W. Samuel Mt. Carmel
Sec. Thos. M. Righter..... "
Treas. Wm. Kiefer, Jr..... "
Audr. J. D. McConnell.....Ashland
Supt. & Pur. Agt.
A. Howard Thomas, Jr.....Shamokin
Ch. Engr. Wilson Leiby.....Mt. Carmel
M. M., Wm. Eoute..... "
Power sta. equip. 5 d. c. G. E. tot. 1400 kw; 2000 hp. e. Allis-C, Cpr, Cor; 900 hp. b. Coatesv; trolley volt. 550 v.
Power sta. and repair shops near Mt. Carmel.
Owns Maysville Park.
17.5 miles; 4-8½ g; 64 motor and 7 other cars. 127

NANTICOKE. 18,877.

(See No. 1028.)

NAZARETH, 3,978.

(See No. 899.)

NEW BRIGHTON. 8,329.

963—The Beaver Valley Traction Co.—Office, New Brighton. (Consolidation of the Beaver Valley St. Ry., Central Elec. St. Ry., College & Grandview Elec. R. R., and Beaver & Vanport Elec. St. Ry., Riverview Elec. St. Ry. Co., Rochester & Monaca Elec. St. Ry., Freedom & Conway Elec. St. Ry., Vanport Elec. St. Ry., and People's Elec. St. Ry. Co. of Rochester, Pa.) (Connects College Hill, Beaver Falls, New Brighton, Rochester, Bridgewater, Beaver, Vanport, Freedom and Conway.) (Controlled by the Philadelphia Co.)
Pres. S. L. Tone..435 6th Ave, Pittsburgh
V. Prest. J. H. Reed " "
Sec. W. B. Carson " "
Asst. Sec. J. L. Foster " "
Treas. C. J. Braun, Jr. " "
Asst. Treas.
J. W. Murray.... " "
Controller.
C. S. Mitchell... " "
Supt. & Park Mgr. W. H. Boyce. New Brighton
Claim Agt. Cecil G. Rice 435 6th Ave., Pittsburgh
Pur. Agt. C. W. Lepper " "
Power sta. equip. 3 d. c. G. E, T.-R. tot. 700 kw; 1128 hp. e. Bckye, McE; 900 hp. b. Bab. & W, Cadwell, Stir; trolley volt. 550 v.
Power sta. and repair shop at Rochester Township (P. O., New Brighton).
Owns Junction and Morado Parks.
36.205 miles; 5-2½ g; 64 motor and 9 other cars. 127

NEW CASTLE. 36,280.

964 — New Castle & Lowell Ry. Co. —Office, 25-31 East Boardman St., Youngstown, O. (Controlled by Mahoning & Shenango Ry. & Lt. Co. which see for officers.) (Connects Newcastle to Pennsylvania and Ohio State line. Cars operating over this line are through limited cars of the Mahoning & Shenango Ry. & Lt. Co.)
Energy furnished by the Mahoning & Shenango Ry. & Lt. Co.
12.19 miles; 4-8½ g. ★127

965 — Sharon & New Castle St. Ry. Co. (Pa.) and The Sharon & New Castle Ry. Co. (Ohio).—Office, 25 E. Boardman St., Youngstown, Ohio. (Connects Hubbard (Ohio) and New Bedford and New Castle (Pa.). (Controlled by Mahoning & Shenango Ry. & Lt. Co., which see for officers.)
Energy furnished by the Mahoning & Shenango Ry. & Lt. Co.
16.74 miles (4.37 in Ohio); 4-8½ g; 5 motor cars. ★127

NEW KENSINGTON. 8,000.

965a—Allegheny Valley St. Ry. Co. —General office, Benedum-Trees Bldg., 221—4th Ave., Pittsburgh. (Controls Allegheny Valley Lt. Co.) (Connects Pittsburgh, Aspinwall, Cheswick, Springdale, New Kensington, Tarentum, Brackenridge and Natrona.) (Owned and operated by the West Penn. Rys. Co.)
Pres. Williston Fish.....Pittsburgh
V-Pres. Raymond B. Keating.. "
Sec. & Treas. C. C. McBride.. "
Audr. John Young..... "
Claim Agt. T. B. Donnelly.... "
Pur. Agt. W. E. Higgins..... "
Ch. Engr. Roadway & Structures
J. L. Fritsch..... "
Gen. Supt. O. P. Hess..... "
Supt. A. A. Hatch.....New Kensington
Supt. Equip. Daniel Durie..Connellsville
Supts. Ovhd. } W. M. Rogers "
Constr. } G. A. Miller....Pittsburgh
M. M., F. C. Martin.....McKeesport
Power sta. equip. 2 d. c. W. E, G. E. tot. 1250 kw; 3 a. c. W. E. tot. 1125 kw. 6600 v. 3 ph. 60 cys; 2850 hp. e. Wisconsin, Hamilton; 2000 hp. b. Bab. & W; trans. volt. 22,000 & 6600 v; trolley volt. 650 v.
Power sta. at Creighton leased to West Penn Pwr. Co.; repair shops at Tarentum.
22.74 miles; 5-2½ g; 21 motor pass. cars. 2 work cars and 3 other cars. ★18

NEWTOWN. 1,675.

(See No. 612.)

NORRISTOWN. 27,875.

966 — Montgomery Transit Co.— Office, 1200 Stock Exch. Bldg., Philadelphia. (Connects Norristown, Trooper, Fairview Village, Centre Point, Cedars, Skippack, Lederach and Harleysville; operates over tracks of Reading Transit & Lt. Co. from Trooper to Norristown (8.5 miles.)
Pres. C. Merwyn Graham.....Norristown
V. Pres. John Lederach..... "
Sec. Treas. & Audr.
Daniel M. Anders..... "
*Gen. Mgr., Pur. Agt. & Ch. Engr.
Percival Armitage..... Philadelphia
Supt. & Gen. Fgt. & Pass. Agt.
I. B. Kline..... Skippack
Claim Agt. Calvin Stein.....Norristown
M. M. Sidney Larrad.....Skippack
Purchases energy from Reading Transit & Light Co.; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shops, Skippack.
16 miles (13 miles owned); 5-2½ g; 5 motor pass. and 3 other motor cars; 3 other cars. (Lines from Harleysville to Souderton (4.3 miles) and Harleysville to East Greenville (12 miles) under construction.) ★127

967 — Norristown Transit Co. — Office, 1411 Chestnut St., Phila. (Owned by Philadelphia & Western Ry. Co.

and Lehigh Valley Transit Co. and operated by the latter company.)
Pres. C. B. Ingersoll.....Philadelphia
Sec. & Treas. Gerald Holsman " "
4-8½ g. 18

968 — Reading Transit & Lt. Co. Norristown Div.—Office, Norristown. (Leases the Schuylkill Valley Trac. Co. (stock owned by The United Pwr. & Transpt. Co.) and its leased lines as follows: Norristown Pass. Ry. Co.; Citizens' Pass. Ry. Co.; Montgomery Co. Pass. Ry. Co.; Roxborough, Chestnut Hill & Norristown Ry. Co.; Wissahickon Elec. Pass. Ry. Co; Conshohocken Ry. Co.; The Trappe & Limerick Elec. St. Ry. Co., and the Collegeville Elec. St. Ry. Co., connecting Philadelphia, Conshohocken, Norristown and Pottstown.) For general officers, see Reading.
Div. Supt. Geo. W. Magill....Norristown
Power sta. equip. 2 d. c. Westg. tot. 1000 kw; 1 a. c. Westg. 1000 kw. 3 ph. 25 cys; 1500 hp. e. Penn; 2800 hp. b. Heine, A. T; 2000 hp. turb. Westg; trans. volt. 13,200 v; trolley volt. 550 v.
Power sta. at Collegeville; energy purchased from Counties Gas & Elec. Co. to supply sub-sta. at Roxborough; repair shop at Norristown.
Reaches Ringing Rocks, Plymouth Park.
60 miles; 5-2½ g; 88 cars. 127

OAKDALE. 1,700.

(See No. 953a.)

OIL CITY. 18,000 (1913).

969 — The Citizens' Traction Co.—Office Oil City. (Company owns or controls the Citizens Lt. & Pwr. Co. The Monarch Park Hotel Co., the Big Rock and Reno Bridge Cos., and is a consolidation of all the electric roads in Franklin and Oil City. Connects Oil City, Franklin and Rouseville.) (Controlled by Municipal Service Co., Phila., Pa.)
Pres. Jos. Seep.....Titusville
V. Pres. James Crosby Brown Philadelphia
Sec. John E. Zimmermann.. " "
Treas. B. W. Frazier, Jr..... " "
Audr. J. G. McClellan.....Oil City
Gen. Mgrs. Day & Zimmermann, Philadelphia
*Gen. Supt. J. H. McClure.....Oil City
Gen. Fgt. & Pass. Agt. & Roadmaster, V. A. Redfield..... " "
Pur. Agt. B. L. Cole..... " "
Asst. Supt. Transp. J. L. Hardenburg.....Franklin
Ch. Engr. Pwr. Sta. Chas. Monks.....Oil City
M. M., Chas. Aiken..... " "
Power sta. equip. 4 turbo-gen. Curtis tot. 3000 kw; 2450 hp. b. Oil City; trans. volt. 11,000 v; trolley volt. 550 v.
Power sta. and repair shop at Oil City. Operates Monarch Park.
34.7 miles; 4-8½ g; 52 motor cars, 11 other cars; 2 snow plows. 127

PALMYRA. 1,950.

(See Nos. 935 and 949.)

PATTON. 3,907.

970 — Northern Cambria St. Ry. Co.—Office, Patton. (Connects Patton, Carrolltown, St. Benedict, Spangler and Barnesboro.)
Pres. W. H. Denlinger.....Patton
V. Pres. Rembrant Peale 2710 Grand Central Term. New York, N. Y.
Sec. J. H. Allport.....Barnesboro
Treas. H. F. Bigler.....Clearfield
*Audr. C. L. Calahan..... Patton
Actg. Supt. Thos. Harwood..... " "
Ch. Engr. P. M. Ray..... " "
Power sta. equip. 2 d. c. Westg. tot. 500 kw; 700 hp. e. Erie, Ball; 700 hp. b. Stir, Bab. & W; trolley volt. 600 v.
Power sta. and repair shop at St. Benedict.
Reaches Sunset Park (owned).
13 miles; 4-8½ g; 7 motor pass. cars, 7 trail pass. cars and 1 other motor car. ★127

PEN ARGYL. 4,600 (1913).

971 — Slate Belt Elec. St. Ry. Co.—Office, Pen Argyl. (Connects Bangor, Belfast, Pen Argyl, Wind Gap and Nazareth.)
*Pres. A. H. MacAdams.....Pen Argyl
Sec. O. D. Schaffer..... " "
Treas. Thos. J. Ryan..... " "
Gen. Mgr., Claim & Pur. Agt. & Ch. Engr. Jos. T. Hambleton.. " "
M. M. Noah Smith..... " "
Engr. M. of W. John Garis.... " "
Engr. Ovhd. Constr. Geo. Andrew..... " "
Purchases energy from Penna. Utilities Co; 400 kw. mo.-gen. sets; trans. volt. 2300 v; trolley volt. 575 v.
Repair shop at Pen Argyl.
Controls Slate Belt Park.
18 miles; 4-8½ g; 8 motor cars, 7 other cars. (Contemplates building 15 miles of new track, between Wind Gap and Stroudsburg.) 27j

PHILADELPHIA. 1,549,008.

(See also Nos. 13, 586, 587, 605, 611, 912, 966, 997, 1009, 1017, 1018, 1026, 1027 and 1033.

972 — Chester & Philadelphia Ry. Co.—Office, 8th and Dauphin Sts., Philadelphia. (Operated by Philadelphia Rapid Transit Co. and Philadelphia Rys. Co. (3.082 miles) under agreement.) (Connects Chester and Philadelphia.)
Pres. W. C. Dunbar.....Philadelphia
V. Pres. & Treas. I. H. Silverman " "
Sec. R. B. Selfridge..... " "
Energy from Phila. Rapid Transit Co., Delaware County Elec. Co. and Beacon Lt. Co.
11.795 miles; 5-2¼ g. 127

973—Fairmount Park Transit Co.—Office, 321 Chestnut St. (Successor to Fairmount Park Transportation Co.)
*Mgr. & Pur. Agt. Norman S. Alexander, Sta. W., West Park, Philadelphia
Power sta. equip. 4 d. c. G. E, West. tot. 1800 kw; 2410 hp. e. (stm.) Weth: 1850 hp. b. Berry, Bab. & W; trolley volt. 500 v.
Power sta. and repair shop at Sta. W. Fairmount Park.
Owns and controls Woodside Park.
8.83 miles; 5-2½ g; 30 motor and 20 other cars. ★127j

974 — Frankford, Tacony & Holmesburg St. Ry. Co.—Tacony, Philadelphia, (Station L). (Connects Phila., Frankford, Tacony, Holmesburg and Torresdale.)
Pres., Gen. Mgr. & Pur. Agt. Meyer Schamberg 350 Bullitt Bldg., Phila.
V. Pres. C. Bradford Fraley Land Title Bldg., Phila.
*Sec. & Treas. Patrick Grant Tacony Sta., Phila.
Supt. & Ch. Engr. Fred M. Glazier..... " "
Supt. Constr. Thomas Devine..... " "
Fmn. Car Barn Eugene Cook..... " "
Power sta. equip. 4 d. c. Ridg. tot. 900 kw; 1200 hp. e. Ridg; 1200 hp. b. Murray, A. & T; trolley volt. 550 v.
Power sta. and repair shops, Tacony.
16 miles owned, 1.11 miles leased; 5-2½ g;

35 motor pass. cars and 6 other motor cars; 1 other car. ★127

975 — Pennsylvania Railroad (Paoli Elec. Div.)—Office, Broad St. Sta., Phila. (Extends from Broad St. Sta. Philadelphia to Paoli, a distance of 20.3 miles.)

Pres. Samuel Rea.....Phila.
Asst. to Pres. } W. A. Patton..... "
J. G. Rodgers..... "
V. Pres. (charge of operation) W. W. Atterbury..... "
Actg. V. Pres. (charge of operation) Elisha Lee..... "
V. Pres. (charge of traffic) Geo. D. Dixon..... "
V. Pres. (charge of finance) Henry Tatnall..... "
V. Pres. (charge of real estate purchase and insurance) W. Heyward Meyers..... "
V. Pres. (charge of accounting) A. J. County..... "
Asst. to V. Pres. (charge of accounting) Geo. J. Adams..... "
V. Prests' Asst. V. J. Bradley..... "
*Sec. Lewis Neilson..... "
Asst. Secs. } R. H. Groff..... "
J. Taney Willcox..... "
J. W. Marshall...New York, N.Y.
H. T. Wilkins.....Phila.
Treas. James F. Fahnestock..... "
Asst. Treasrs } H. P. Conner..... "
Geo. A. Walker..... "
Compt. C. M. Bunting..... "
Traffic Mgr. R. C. Wright..... "
Fgt. Traffic Mgr. Geo. D. Ogden.... "
Asst. Fgt. Traffic Mgr. E. P. Bates..... "
Asst. Gen. Fgt. Agts. } J. B. Large..... "
J. L. Eyemans..... "
W. C. Glynn..... "
W. S. Franklin, Jr..... "
Fgt. Claim Agt. Robert L. Franklin..... "
Pass. Traffic Mgr. J. P. Anderson... "
Asst. Gen. Pass. Agts. } D. N. Bell..... "
O. T. Boyd..... "
R. J. De Long..... "
Asst. Gen. Pass. Agts. } Edgar Yungman..... "
Ch. Engr. A. C. Shand..... "
Asst. Engrs. } E. B. Temple..... "
H. C. Booz..... "
Engr. of Bridges & Bldgs. H. R. Leonard..... "
Ch. Mech. Engr. A. W. Gibbs..... "
Asst. Engr. Elec. Equip. F. G. Grimshaw..... "
Asst. Gen. Mgr. R. L. O'Donnell... "
Gen. Supt. (Eastern Penn. Div.) R. V. Massey.....Altoona
Gen. Supt. (N. J. Div.) C. S. Krick.....New York, N. Y.
Gen. Supt. of Transportation C. M. Sheaffer.....Phila.
Supt. of Fgt. Transportation J. B. Fisher..... "
Supt. of Pass. Transportation D. C. Stewart..... "
Gen. Supt. of Motive Pwr. J. T. Wallis.....Altoona
M. M., C. B. Keiser.....New York, N. Y.
Supt. Telegph. Jas. C. Johnson.....Phila.
Engr. M. of W., W. G. Coughlin... "
Signal Engr. A. H. Rudd..... "
Pur. Agt. Sam'l Porcher..... "
Gen. Counsel, F. I. Gowen ..... "
Ch. Claim Agt. Jno. C. Rose..... "
Real Estate Agt. Thos. W. Hulme... "
Asst. Real Est. Agts. } H. E. Tripler..... "
W. A. Moncure..... "
Supt. of Insurance. R. H Newbern "
Publicity Agt. G. B. Harley..... "

Energy purchased from Philadelphia Electric Co; trans. volt. 44,000 v; trolley volt. 11,000 v. s. ph. (catenary); repair shops at Paoli.

93.6 miles; 4-8½ g; 93 motor cars. (Electrification of Germantown & Chestnut Hill Branch is in course of construction.) ★18

976 — Philadelphia Railways Co.—Office, 605 Land Title Bldg., Philadelphia. (Connects' Philadelphia, Eddystone and Chester.) (Operates under agreement Essington Div. of Chester & Phila. Ry. Co. (3.062 miles.)

Pres. I. H. Silverman.....Philadelphia
Sec. A. W. From..... "
Treas. Benj. Wolf ..... "
*Supt. Jos. C. Lugar..... "
M. M., Wm. Clyde Penrose Ferry Bridge "

Pwr. sta. equip. 2 d. c. G. E. West. tot. 600 kw; 800 hp. e. Greene, Ham; 600 hp. b. Keeler; trolley volt. 550 v.

Power sta. and repair shops, west side of Penrose Ferry Bridge.

Reaches Point Breeze Park.

13.292 miles; 5-2 g; 26 motor and 3 other cars. ★127

977 — Philadelphia Rapid Transit Co.—Exec. office, Land Title Bldg.; operating office, 8th & Dauphin Sts. (Leases and operates Union Trac. Co. and all its underlying properties. Operates Chester & Philadelphia Ry. Co.)

Chmn. Exec. Comm. & Pres. Thomas E. Mitten, Land Title Bldg., Phila.
V. Pres. R. B. Hamilton 810 Dauphin St., "
Sec. & Treas. R. B. Selfridge, 800 Dauphin St., "
Compt. W. C. Dunbar Land Title Bldg., "
Exec. Asst. C. B. Fairchild Jr. 1035 Land Title Bldg., "
Audr. E. L. Austin 810 Dauphin St., "
Supt. Transpt. H. G. Tulley 820 Dauphin St., "
Supt. Surf. Lines, F. W. Johnson "
Supt. of Time Tables, Leon Jewell "
Elec. Engr. G. A. Harvey..... "
Engr. of Way, George B. Taylor... "
Supt. Roll. Stk. & Bldg. R. T. Senter..... "
Pur. Agt. W. L. Maize..... "
Park Supt J. R. Davies

POWER STAS. EQUIP. 13th & Mt. Vernon Sts Phila.—5 d. c. Westg. tot. 7500 kw; 11,250 hp. e. Weth; 2 G. E. exhaust turbines tot. 1600 kw; 7500 hp. b. Bab. & W, Parker; all trolley volt. 575 v.

963 BEACH ST. STA., PHILA.—5 a. c. G. E, Westg. tot. 42,800 kw. 3 ph. 25 cys; 20,180 hp. b. Bab. & W, Parker; trans. volt. 13,200 v.

33D & MARKET STS. STA., PHILA.—6 d. c. Westg. tot. 7600 kw; 1 a.c. Westg. 5000 kw. exhaust turb; 11,400 hp.e. Weth, Penna; 7980 hp. b. Bab. & W, Parker.

2D ST. & WYO. AVE. STA., PHILA.—1 d. c. G. E. 500 kw. 575 v; 6 a. c. Westg. tot. 9000 kw. 3 ph. 25 cys; 2 a. c. G. E. tot. 2000 kw. (with Weth. engines) 3 ph. 25 cys; 10,800 hp. b. Parker; trans. volt. 13,200 v.

UPPER DARBY, DEL. CO., STA.—3 d. c. Westg, De Laval tot. 475 kw; 600 hp. e. Fitch; 500 hp. b. Bab. & W; 112 hp. turb. De Laval. This plant is for lighting and heating only.

In addition to the power stations, company has converter sub stations, located as follows: 2d St. and Wyoming Ave.; 33d and Market Sts.; 123 East Chelten Ave.; 32d and Dauphin Sts.; Germantown and Erie Aves.; 15th and Tucker Sts.; 2035 Ranstead St.; Frankford Ave. and Arrott St; 13th and Mifflin Sts; 52d St. and Lancaster Ave.; Glenside, Mont. Co.; 812 Sansom St.; Allison and Market Sts.; 58th St. and Woodland Ave.; 1823 E. Letterly St.; Manayunk.

Purchased energy, 22,000 kw. in City; 6200 kw. in Suburbs.

Two principal repair shops are at 8th and Dauphin Sts. and 3501 Kensington

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Ave., other at Upper Darby.
Owns Willow Grove Park, 98 acres, and reaches Fairmount Park
661.146 miles (637.820 surface, 16.708 elevated and 6.618 subway); 5-2¼ g; 3,225 cars. ★127

978 — Trenton, Bristol & Philadelphia St. Ry. Co.—Office, 204 Radcliffe St., Bristol. (Connects Phila., Bristol, Tullytown, Morrisville, Bridgewater, Eddington, Cornwells, Andalusia, Torresdale and Trenton, N. J.)
*Pres. Carl N. Martin, 705 Stock Exc. Bldg., Philadelphia
V. Pres. John Redwood Stock Exc. Bldg., Baltimore, Md.
Sec. J. Elliott Newlin, 705 Stock Exc. Bldg., Philadelphia
Gen. Mgr. & Pur. Agt M. J. Hill..Bristol
Supt. Transpt. Elmer Harvison.... "
Fgt. Agt. O. Van Doren, Bath and Otter Sts., "
Ch. Engr. Pwr. Sta. Fred. Yates... "
M. M. Arthur Norden..... "
Roadmaster, Alphonse Maselo..... "
Power sta. equip. 4 d. c. G. E, W. E. tot. 1200 kw; 1500 hp.e. Ham, Cor, Ridg; 850 hp. b. Heine, Keeler; trans. & trolley volt. 600 v.
17.67 miles; 5-2½ g; 15 motor and 5 other cars. 116

979 — The American Railways Co.—Office, 1321 Walnut St. (Controls Bridgeton & Millville Traction Co., and Bridgeton Elec. Co., Bridgeton, N. J.; Elec. Co. of N. J., Pitman, N. J.; Springfield Ry. Co., Springfield, O.; People's Ry. Co., Dayton, O.; Altoona & Logan Valley Elec. Ry. Co., Altoona, Pa.; Chicago & Joliet Elec. Ry. Co., (which controls Chicago & Desplaines Valley Elec. Ry. Co., Joliet, Ill.); Ohio Valley Elec. Ry., Huntington, W. Va.; Kanawha Valley Trac. Co., Charleston, W. Va.; Home Elec. Lt. & Stm. Htg. Co., Tyrone, Pa.; Scranton Ry. Co., (which operates under lease the Scranton, Dunmore & Moosic Lake R. R. Co.); Lynchburg (Va.) Trac. & Lt. Co., Roanoke (Va.) Trac. & Lt. Co. (which controls Roanoke (Va.) Ry. & Elec. Co.), Jersey Central Trac. Co. and Wilmington (Del.) & Philadelphia Trac. Co.) (Controlled by National Properties Co.)
Pres. Van Horn Ely.....Philadelphia
1st V. Pres. John Gribbel.... "
2d V. Pres. C. L. S. Tingley.. "
Sec. & Treas. Walter W. Perkins..... "
Asst. Sec. Asst. Treas. & Compt. Frank J. Pryor, Jr..... "
Asst. Compt. H. D. Anderson "
Gen. Mgr. H. J. Crowley.. "
Pur. Agt. G. C. Weirick.... "
Asst. Pur. Agt. J. A. Berndt "
Mech. Engr. A. Kuylenstjerna..... "
Elec. Engr. P. H. Chase..... "
Engr. M. of W., C. G. Keen "
★127

980—Kentucky Securities Corpn.—Office, 1416 Chestnut St. (Controls Kentucky Trac. & Term. Co., Lexington, Ky., Lexington (Ky.) Ice Co. and Lexington (Ky.) Utilities Co.)
Pres. P. M. Chandler Franklin Bank Bldg., Philadelphia
V. Pres. F. W. Bacon..... "
*Sec. W. J. Devine..... "
Treas. H. Williams, Jr..... "
★127

981—National Properties Co.—Gen. Office, 603 Market St., Wilmington, Del. (Controls through ownership of stock Water Co. of Tonopah, Nev., Chester County Lt. & Pwr. Co. of Penn., New Castle County Elec. Co. of Delaware and The American Rys. Co. of Philadelphia.)
Pres. Van Horn Ely, Witherspoon Bldg., Philadelphia
V. Pres. A. C. Robinson, Commonwealth Bldg., Pittsburgh
*Sec. & Treas. Henry P. Carr Witherspoon Bldg., Philadelphia
Audr. H. D. Anderson " "
★127

981a—Municipal Service Co.—Office, Land Title Bldg. (Controls Chester Valley Elec. Co. (Coatesville, Pa.), Staunton (Va.) Ltg. Co., Arlington (Va.) Elec. Co., Riverside Lt. & Pwr. Co., (Waynesboro, Va.), Alexandria (Va.) County Ltg. Co., Youngstown (O.) & Suburban Ry. Co., Citizens' Trac. Co. (Oil City, Pa.), and Salem (O.) Ltg. Co.)
Pres. G. B. Baker.....Boston, Mass.
V. Pres. Nicholas G. Roosevelt.....Philadelphia
Sec. John E. Zimmermann.. "
Treas. W. W. Brooks.....Boston, Mass.
Pur. Agts. Day & Zimmermann, Inc..Philadelphia
*Asst. Sec. R. C. Shields.... "
Asst. Treasrs. { N. S. Passmore. " / J. W. Swain, Jr. "
★127

982 — The United Gas Improvement Co.—Office, Broad & Arch Sts., Phila. (Interested in the following electric properties: Charleston (S. C.) Consol. Ry. & Ltg. Co., Counties Gas & Elec. Co. (Phila., Pa.), Fulton County Gas & Elec. Co., (Gloversville, N. Y.), Northern Indiana Gas & Elec. Co., (Hammond, Ind.), Sioux City (Iowa) Gas & Elec. Co., Syracuse (N. Y.) Ltg. Co. and West Hammond (Ill.) Gas & Elec. Co.)
Pres. S. T. Bodine.....Philadelphia
V. Pres. Randal Morgan..... "
2nd V. Pres. Walton Clark.. "
3rd V. Pres. Lewis Lillie..... "
4th V. Pres. W. F. Douthirt..Philadelphia
5th V. Pres. Paul Thompson "
*Sec. G. W. Curran..... "
Treas. I. W. Morris..... "
Gen. Audr. R. C. James..... "
Pur. Agt. J. A. Pearson..... "
Mgr. New Business Dept. C. W. Hare..... "
Sales Agt. D. J. Collins..... "
127

982a—United National Utilities Co.
Gen. Office, 603 Market St., Wilmington, Del. (Controls Amer. Rys. Co. and subsidiaries, National Properties Co. and subsidiaries, Monmouth Ltg. Co. and National Gas & Elec. Co. and subsidiaries.)
Pres. Van Horn Ely.....Philadelphia
V. Pres. W. C. Sproul.....Chester
Sec & Treas. Walter W. Perkins.....Philadelphia
Asst. Sec. & Asst. Treas. Henry P. Carr..... "
★127

PHILIPSBURG. 3,585.

983 — Centre & Clearfield Ry. Co.—Office, Clearfield. (Controlled by Penn Public Service Co., which in turn is controlled by Pennsylvania Elec. Co.) (Connects Philipsburg, Morrisdale, Hawk Run, Munson and Winburne.)
Pres. F. T. Hepburn .. New York, N. Y.
V. Pres. & Gen. Mgr. Warren Partridge.....Clearfield
*Sec. W. O. Hoover..... "
Treas. F. P. Bagley..... "
Asst. Secs. & Asst. Treasrs. { F. W. Gregory / 14 Wall St.. N. York, N.Y. / L. A. Wood " "
Gen. Audr. F. E. Haag.... " "
Supt. A. M. Pearce.....Philipsburg
Ch. Engr. Roy Flegal..... "
Purchases energy from Penn Public Service Co; trans. volt. 23,000 v; trolley volt. 550 v.

Repair shops at Philipsburg.
Reaches Athletic Park at No. Philipsburg.
13.6 miles; 4-8½ g; 10 motor and 2 other cars. ★127

PHOENIXVILLE. 10,743.

(See also No. 997.)

984 — The Phoenixville - Valley Forge & Strafford Elec. Ry. Co.—Office, Phoenixville. (Connects Phoenixville, Corner Store, Williams Corner and Valley Forge.)
*Pres., Gen. Mgr. & Pur. Agt. Thos. E. O'Connell.....Phoenixville
Sec. I. E. Miller..... "
Treas. V. N. Shaffer..... "
Supt. & M. M. Wm. O. Taylor.....Valley Forge
Ch. Engr. Howard W. Sanford 815 Union St., Phila.
Energy purchased from Phila. Suburban Gas & Elec. Co.
Repair shops, Williams Corner.
Reaches Valley Park (owned).
5.5 miles; 4-8½ g; 8 motor and 2 other cars. (Will extend to Norristown via Mont Clare and Jeffersonville.) 127

PITTSBURG. 533,905.

(See also Nos. 911, 925, 945, 948, 950, 954, 965a and 1247a.)

985—Duquesne Inclined Plane Co. Office, 1212 Grandview Ave. (Operates incline 800 ft. long and 400 ft. high from Carson St. to Grandview Ave.)
Pres. F. W. Severance.....Glassport
V. Pres. F. B. Nimick Keystone Bldg., Pittsburg
*Sec. & Mgr. Kirk O. Bigham.. "
Treas. S. Severance Union Bk. Bldg., "
60 hp. e. Mulholland; Riter & Conley boiler.
1600 ft. (cable); 5 g; 2 cars. 77

986—Pittsburg & Beaver St. Ry. Co.—(Controlled by Philadelphia Co.) (Connects Baden, Economy, Ambridge and Leetsdale.)
Pres. S. L. Tone..... } 435 6th Ave.,
V. Pres. J. H. Reed..... } Pittsburg
Sec. W. B. Carson..... "
Treas. C. J. Braun, Jr..... "
Controller, C. S. Mitchell.... "
Supt. W. H. Boyce..... New Brighton
Power sta. equip. 2 d. c. Westg. tot. 400 kw; 300 hp. e. Rus; 300 hp. b. Stir; trolley volt. 550 v.
14.99 miles; 5-2½ g; cars rented from The Beaver Valley Trac. Co. 127

987—Pittsburg, Mars & Butler Ry. Co.—Office, 124 Stanwix St., Pittsburg. (Successor to Pittsburg & Butler Ry. Co.) (Connects Pittsburg, Mars and Butler.)
Pres. Wm. McBride.....Pittsburg
Sec. & Audr. C. G. Martin..... "
Treas. P. E. Seddon..... "
*Supt. A. S. Fullerton.....Mars
Fgt. Claim Agt. F. L. Zeigler, Duquesne Way, Pittsburg
Pur Agt. J. B. Campbell..... "
Ch. Engr. Pwr. Sta. J. A. Lucas, Renfrew
M. M., W. R. Adair.....Mars
Engr. M. of W., A. Demat..... "
Power sta. equip. 4 d. c. G. E. tot. 1200 kw; 3 a. c. turbo-gen. West. tot. 3000 kw. 6600 v. 3 ph. 25 cys: 175 hp. e; 2400 hp. b. Bab. & W; trans. volt. 22,000 v; trolley volt. 1200 v.
Power sta. at Renfrew; repair shops at Mars.
Reaches Wildwood Park.
33.8 miles; 5-2½ g; 11 motor pass. cars and 2 other motor cars; 6 other cars. Co. does ltg. business. ★18

988 — Pittsburg, Harmony, Butler & New Castle Ry. Co.—Office, 124 Stanwix St. (Connects Pittsburg, Koppel, Beaver Falls, Evans City, Harmony, Butler, Ellwood City and New Castle.)
Pres. R. H. Boggs.....Pittsburg
V. Pres. Jos. H. Moore..... "
Sec., Treas. & Pur. Agt. P. E. Seddon..... "
*Audr. C. G. Martin..... "
Supt. & Gen. Fgt. Agt. Harry Etheridge.....Harmony
Asst. Gen. Fgt. Agt. H. J. Endres "
Claim Agt. Ed. Winter..... "
Asst. Pur. Agt. J. B. Campbell...Pittsburg
Engr. Pwr. Sta. F. H. Gregg...Harmony
Power sta. equip. 2 a. c. G. E. Curtis turbo. gen. tot. 3000 kw. 3 ph. 60 cys; trans. volt. 13,200 v; trolley volt. 1200 v. d.c. and 600 v.
Power sta. and repair shops, Eidenau.
80.5 miles; 5-2½ g; 23 motor pass. and 6 fgt. cars and 29 other cars. ★127

990 — Pittsburg Railways Co.—Office, 435 6th Ave. Controlled by Philadelphia Company, and operates the following:
Ardmore St. Ry.
United Trac. Co., of Pittsburg,
Consolidated Trac. Co.,
East McKeesport St. Ry. Co.,
Allegheny, Bellevue & Perrysville Ry. Co.,
Morningside Elec. St. Ry. Co.,
Pittsburg, Canonsburg & Washington Ry. Co.,
Ben Avon & Emsworth St. Ry. Co.,
Washington & Canonsburg Ry. Co.,
Pittsburg & Birmingham Trac. Co.,
Pittsburg & Charleroi St. Ry.,
Monongahela St. Ry. Co.,
Suburban Rapid Transit St. Ry. Co.,
Mt. Washington St. Ry. Co.,
Pittsburgh Union Passenger Ry. Co.
(Operates in Pittsburg, East Pittsburg, Allegheny, Wilmerding, McKeesport, Duquesne, Monongahela City, Charleroi, Washington and adjacent towns.)
Chmn. of Bd. Jas. D. Callery.435 6th Ave.
Pres. S. L. Tone..... "
V. Pres. Jas. H. Reed..... "
Sec. W. B. Carson..... "
Asst. Sec. J. L. Foster..... "
Treas. C. J. Braun, Jr..... "
Asst. Treas. J. W. Murray.. "
Pur. Agt. C. W. Lepper..... "
Controller, C. S. Mitchell.... "
Gen. Mgr. P. N. Jones..... "
Supt. Transpt. J. M. Loftis.. "
Asst. Supt. Transpt. F. W. McCarthy..... "
Div. Supts. { M. W. Flanagan..... "; John Daly..... "; F. R. Wilhelm..... "; F. B. Eibs..... "
Supt. Claim Dept. Cecil G. Rice "
Supt. of Equip. F. R. Phillips "
Supt. Overhead Lines, H. A. Pharo..... "
Traf. Agt. & Elecl. Engr. J. W. Welsh..... "
Gen. Agt. J. S. Shedd..... "
Ch. Engr. F. Uhlenhart, Jr... "
Engr. Maint. of Way, J. M. Larned..... "
Asst. Engr. Maint. of Way, G. W. Emory..... "
M. M. Jno. A. Rogan..... "
Energy purchased from Duquesne Lt. Co.
Repair shops at Homewood, Rankin, Allegheny, Glenwood, West End and So. Side.
Reaches Kennywood and Westview Parks and Duquesne Garden.
604.73 miles; 5-2½ g; 2,028 pass. cars and 248 other cars. 127

990a—St. Clair Inclined Plane Co.—(Operates an incline plane from Josephine St. to Arlington Ave. S.S.)

Pres. G. B. Blood, 18th & Carson St., S.S.
V. Pres. Thomas Brooks, Cobden St.. "
Sec. Aug. Sprung, 304 Spring St.
St. Clair Boro.
Treas. Wm. Young
Salisbury and Sterling Sts.
*Supt. Alex. Kortner
Sterling St., 16th Ward
Ch. Engr. J. Eichert, Head 22d St., Incline
Energy purchased from Duquesne Lt. Co: 1 mo. West. 150 hp. 440 v. 3 ph.
4000 ft; 5-6 g; 2 cable care. §87

991 — West Penn Rys. Co. — Office, Benedum-Trees Bldg., 221 4th Ave., Pittsburgh. (Formed by merger, May 23, 1917, of the following: Brownsville St. Ry. Co., Greensburg & Southern Elec. St. Ry. Co., Latrobe-Hecla St. Ry. Co., Latrobe St. Ry. Co., Masontown-Morgantown St. Ry. Co., McKeesport & Irwin Ry. Co., Pittsburgh, McKeesport & Connellsville Ry. Co., Pittsburgh, McKeesport & Greensburg Ry. Co., Uniontown Radial St. Ry. Co., West Penn Interurban Ry. Co., West Penn Rys. Co., West Penn Trac. Co. and White Elec. Trac. Co. Owns and operates, in name of West Penn Rys. Co., under lease, Kittanning & Leechburg Rys. Co., Oakdale & McDonald St. Ry. Co. and Pittsburgh & Allegheny Valley Trac. Co. Owns Allegheny Valley St. Ry. Co., The Brooke Elec. Co., (W. Va.), Steubenville, Wellsburg and Weirton Ry. Co., Wellsburg, W. Va., Hancock County Elec. Co., New Cumberland, W. Va., Wellsburg (W. Va.) Lt. Ht. & Pwr. Co. and West Penn Pwr. Co. Controls Wheeling (W. Va.) Trac. Co.) (Controlled by West Penn Trac. & Wtr. Pwr. Co., which in turn is controlled by American Wtr. Wks. & Elec. Co.)

The following towns and villages are connected by West Penn Railways System.

McKEESPORT AND COKE REGION DIVISIONS.

Trafford, Cavittsville, Ardara, Larimer, Irwin; Irwin, Hahntown, Long Run, McKeesport; Mckeesport, Duquesne; McKeesport, Versailles, Boston, Olympia Park, Mt. Vernon, Buena Vista, Scott Haven; Irwin, Manor, Penn, Jeannette, Oakford Park, Greensburg, Huff, Haydenville, Youngwood, New Stanton, Hunker, Ruffsdale, Tarrs, Scottdale; Greensburg, South W. Greensburg; Greensburg, South Greensburg, Youngwood, Armbrust, Hecla; Hecla, Calumet, Mammoth, United, Traneer, Pleasant Unity, Whitney, Hostetter, Baggaley, Youngstown, Kingston, Latrobe; Hecla, Standard, Mt. Pleasant; Mt. Pleasant, Morewood, Acme, Central, Tarrs; Mt. Pleasant, Bridgeport, Hammondville, Iron Bridge, No. Scottdale, Swedetown, Scottdale; Scottdale, Meadow Mills; Scottdale, Everson Pennsville, Murphys Siding, Moyer, Coalbrook, Connellsville; Connellsville, So. Connellsville; Connellsville, Power House, Dunbar, Ferguson, Mt. Braddock, Shady Grove Park, Youngstown, Lemont, Uniontown: Connellsville, Leisenring No. 1; Leisenring No. 1, Nellie, Vanderbilt, Liberty, Dickerson Run, Dawson; Leisenring, No. 1, Leisenring No. 3, Juniata, Elm Grove, Bitner, Vances Mills, Phillips, Oliver, Uniontown; Uniontown, Leith, Hopwood, Brownfield, Olipbant, Fairchance: Uniontown, Continental, Revere, Footdale, Brownsville Junction: Brownsville Junction, Lambert, McClellandtown, Leckrone, Masontown, Greys Landing, Mon Vue, Martin: Brownsville Junction, New Salem, Fairbanks, Filbert, Orient, Republic, Merrittstown, Allison, Thorntown, Brownsville.

PITTSBURGH AND ALLEGHENY VALLEY DIVISION.

Leechburg, Hyde Park Ferry, No. Vandergrift, Allison Park, Apollo.

KITTANNING & LEECHBURG DIVISION.

Cowanshannock, Kittanning, Garretts Run, Manorville, Ford City, Rosston, Lenape Park.

OAKDALE & McDONALD DIVISION.

Oakdale, Noblestown, Sturgeon, McDonald.

Pres. A. M. Lynn .....Pittsburg
V. Pres. } J. Williston Fish..... "
Sec. Raymond B. Keating "
Treas. & Asst. Sec. C. C. McBride "
Audr. & Asst. Treas. John Young "
Claim Agt. T. B. Donnelly.... "
Pur Agt. W. E. Higgins..... "
Ch. Engr. Roadway & Structures, J. L. Fritsch .... "
Supt. Equip. Dan'l. Durie...Connellsville
Gen. Supt. Terr "A" S. J. Witt "
Gen. Supt. Terr. "B"
F. C. Martin.....McKeesport
Supt. Track & Roadway
P. A. Meyer.....Connellsville
Supts. } W. M. Rogers "
Ovhd. Constr. } G. A. Miller..Pittsburgh

Power sta. at Connellsville leased to West Penn Power Co; trolley volt. 550 v.

Repair shops at Connellsville, Greensburg, Latrobe, McKeesport, Garretts Run and Leechburg.

Owns Olympia and Oakford Parks; controls Lenape and Allison Parks and reaches Shady Grove Park.

West Penn Rys. Co. operates 228.92 miles of track: 4-8½ g. (28.78 miles) & 5-2¼ g (205.19 miles); 210 pass. cars, 3 express cars and 51 other cars.

Total track mileage of all companies owned or controlled, 339.4 of which 42.67 miles is 4-8½ g. and 296.72 miles 5-2¼ g; total cars. 351 pass., 4 express and 67 other cars. ★18

993 — Westmoreland County Ry. Co.—Office, 1227 Oliver Bldg., Pittsburgh. (Connects Latrobe and Derry.)

Pres. John E. Potter
Potter Title & Trust Co., Pittsburgh
1st V. Pres. F. Wm. Rudel
Iron & Glass Dollar Bk., "
2d V. Pres. J. A. McComb
People's Nat'l Bk., Latrobe
Sec. & Gen. Mgr. Harry S. Calvert
1236 Oliver Bldg., Pittsburgh
*Treas. Joseph G. Vilsack
1226 Oliver Bldg., "
Supt. & Pur. Agt.
S. F. Schwerdt.....Derry

Purchases energy from West Penn Pwr. Co.

Car barns and repair shop at Derry Station.

7 miles; 5-2 g; 3 motor pass. cars. *127

994 — Woodlawn & Southern St. Ry.—Office, Third Ave. and Ross St., Pittsburgh. (Connects Woodlawn and Aliquippa.)

Pres. B. F. Jones, Jr.....Pittsburgh
1st V. Pres. W. Larimer Jones.. "
2d V. Pres. A. B. Shepherd....Pittsburgh
Sec. & Treas. W. C. Moreland "
*Asst. Sec., Asst. Treas. & Pur. Agt.
John L. Moore..... "
Supt. J. H. Gano.....Woodlawn
Ch. Engr. D. L. Mekeel.....Pittsburgh

Purchases energy from Jones & Laughlin Steel Co.

Repair shops at Woodlawn.

4 miles; 5-2¼ g; 5 motor and 7 other cars. 127

995 — Philadelphia Co. — (Controls Pittsburg Railways Co., Beaver Valley Trac. Co. and Pittsburg & Beaver St. Ry. Owns Duquesne Lt. Co. and controls several other lighting companies in and about Pittsburg.) (The United Rys. Investment Co. owns over 62 p. c. of the outstanding common stock.)

Pres. J. H. Reed.....435 6th Ave.
V. Pres. J. D. Callery..... "
Sec. W. B. Carson..... "
Asst. Sec. J. L. Foster..... "
Treas. C. J. Braun, Jr..... "
Asst. Treas. J. W. Murray... "
*Compt. C. S. Mitchell..... "
Gen. Mgr. Jos. F. Guffey.... "
Pur. Agt. J. H. Reed, Jr..... "
Gen. Supt. W. L. McCloy.... "
Land Agt. John Gates, Jr.... "
Gen. Contracting Agt.
Sam'l B. Stewart..... "
127

996—West Penn Trac. & Wtr. Pwr. Co.—Benedum-Trees Bldg., 221 4th Ave., Pittsburg. (Controls West Penn Rys. Co. and in turn is controlled by American Wtr. Wks. & Electric Co.)
Pres. A. M. Lynn.....Pittsburg
V. Pres. } Williston Fish..... "
Prests. } Sec. Raymond B. Keating "
Treas. & Asst. Sec. C. C. McBride "
Audr. & Asst. Treas. John Young "
★18

POTTSTOWN. 15,599.
(See also No. 901.)

997—Pottstown & Phoenixville Ry. Co.—Office, Harrison Bldg., Philadelphia. (Leases Pottstown Passenger Ry. Co., Pottstown & Reading St. Ry. Co. and Montgomery & Chester Elec. Ry. Co.) (Operates in Stowe, Pottstown, Sanatoga, Linfield, Spring City (Royersford) and Phoenixville.)
Pres. Geo. N. Malsberger.....Pottstown
V. Pres. C. W. Rambo
Harrison Bldg., Philadelphia
*Sec., Treas., Audr. & Pur. Agt.
C. Taylor Leland..Harrison Bldg. "
Gen. Mgr. Claim Agt. & Park Mgr.
Harry F. Swinehart.....Pottstown
Ch. Engr. Ralph Shaner..... "
Elecl. Engr. & M. M.
James Masterson..... "
Asst. Supt. Elmer Miller .....Spring City

Power sta. equip. 1 d. c. Westg. 280 hp; 495 hp. e. Bckye; 100 hp. b. Solter Bros.; trans. & trolley volt. 550 v; also purchases energy from Phila. & Suburban Gas & Elec. Co. and Schuylkill Valley Illg. Co.

Power sta. at Pottstown, and repair shops, Pottstown, Spring City and Phoenixville.

Leases "Bonnie Brae" Park and owns and operates Sanatoga Park.

25 miles; 4-8½ g; 33 cars. (Co. sells energy.) ★127

POTTSVILLE. 20,236.

998—Eastern Pennsylvania Rys. Co.—Office, Pottsville.—(Owns and operates the Pottsville Union Trac. Co., Pottsville & Reading Ry. Co., Schuylkill, Haven & Orwigsburg St. Ry. Co., Schuylkill Elec. Ry. Co., Coal Castle Elec. Rv. Co., People's Ry. Co. of Pottsville, The Port Carbon & Middleport Elec. Ry. Co. and Tamaqua & Pottsville Elec. R. R. Co. The Pottsville & St. Clair Elec. Ry. was organized to construct line over Broad Mtn. connecting Pottsville with St. Clair—line opened in Aug., 1916. Connects Pottsville, Schuylkill Haven, Orwigsburg, St. Clair, Pt. Carbon, Palo Alto, Glen Carbon, Minersville, New Philadelphia, Middleport, Tamaqua, Coal Dale, Lansford, Summit Hill, Nesquehoning, Mauch Chunk and East Mauch Chunk.)
Pres. J. H. Pardee,
43 Exchange Pl., New York
V. Prests. { Joseph K. Choate, 43 Exchange Pl., "; R. Walter Leigh, 52 William St., "
Sec. & Asst. Treas. } 43 Exchange Pl.,
T. W. Moffat..... } New York.
Treas. & Asst. Sec.
R. B Marchant.. "
Asst. Sec. Asst. Treas. & Asst. Mgr.
W. C. Austin.....Pottsville
Gen. Mgr. Leonard S. Cairns,... "
Operating Mgrs. J. G. White Management Corpn.
43 Exchange Pl., New York, N. Y.
Supt. of Rys.
George R. Williams ..... Pottsville
Asst. Supt. of Rys.
Thos. J. Collins..... "
Claim Agt. Jas. E. Burr..... "
Elec. Engr. I. G. Walborn..... "
Ch. Engr. Pwr. Sta. W. P. Supplee "
M. M., N. M. Lentz..... "

Power sta. equip. 2 d. c. Walker tot. 700 kw. 500 v; 4 a. c. Allis-C. G. E. tot. 6200 kw. 2300 v. 3 ph. 60 cys; 5450 hp.e. Weth, Frick, Allis C; 4135 hp. b. Bab. & W, Heine, Keeler; trans. volt. 23,000 & 2300 v; trolley volt, 550 v.

Power sta. Palo Alto and Frackville; repair shops, Palo Alto.

Owns Manila Grove and Tumbling Run Parks.

70 miles; 4-8½ g; 84 cars. (Controls all ltg. business in Pottsville, through the Eastern Pennsylvania Lt. Ht. & Pwr. Co.) ★127

PUNXSUTAWNEY. 10,000.

999—Jefferson Traction Co.—Office, 218 N. Findley St. (Connects Punxsutawney, Adrian, Anita, Florence, Eleanora, Wishaw, Reynoldsville, Rathmel, Soldier and Sykesville.) (Mahoning Valley St. R. R. Co. is operated under same management.)
Pres. E. F. Kirzen.....Towanda
V. Pres. D. H. Clark.....Punxsutawney
Sec. B. M. Clark..... "
*Treas. Gen. Mgr. & Pur. Agt.
Jas. B. Phelan..... "
Audr. J. K. Newall .....Towanda
Gen. Supt. Westley E. Williams Punxsutawney
Elec. Engr. & M. M.
Harry Dinnsmore..... "
Ch. Engr. W. C. Mason.....Laporte
Engr. Pwr. Sta. Chas. Lang Punxsutawney
Roadmaster, C. H. Swann "
Engr. Overhead Constr.
Chas. Sprankle..... "

Power sta. equip. 5 d. c. Ridge. tot. 1200 kw; 1900 hp. e. Ridg; 1350 hp. b. Meadville; trolley volt. 550 v.

Power stas. at Florence Mines and Rathmel Jct.; repair shops at Railroad St., Punxsutawney and Jackson St., Reynoldsville.

Reaches Jefferson, Highland Park and Alahoe Park.

36 miles: 4-8½ g; 12 motor pass. cars and 2 other cars. ★127

READING. 96,071.
(See also No. 891.)

1001—Mt. Penn. Gravity R. R. Co.—Office, Reading. (Connects Mineral Springs Park, The Tower, and operates on Mt. Penn.)
Pres. & Gen. Mgr.
James Rick.....Reading
V. Pres. E. C. Nolan..... "
*Sec. & Treas. Frank S. Livingood "
Supt. Jacob F. Seidel..... "
Overhead trolley and gravity.
8 miles (approx.); 4-8½ g. (Operates in summer only.) 18

1002—Neversink Mtn. Ry. Co.—Office, 12 So. 5th St., Reading. (Extends from 9th & Penn Sts., south on 9th St. and winds around Neversink Mountain. (Controlled through stock ownership by Reading Transit & Lt. Co.)

Pres. E. L. West.....Reading
V. Prests. { Treas. Thomas Cheyne " / Joseph B. Taylor, 50 Pine St., New York, N. Y.
Sec. & Asst. Treas.
C. N. Wilson ..... " "
Asst. Sec. & Asst. Treas.
J. H. Bucher.....Reading
Gen. Mgr. E. M. Gilbert..... "
Supt. of Rys. S. E. Smith..... "
Claim Agt. R. D. Jones..... "
Pur. Agt. H. H. Reigel..... "

Purchases energy from Metropolitan Edison Co.

Repair shops, 9th & Bingaman Sts.

8 miles; 4-8½ g; 8 motor cars. (Operated during summer months only.) ★127

1003—Oley Valley Ry. Co.—Office, 12 So. 5th St., Reading. (Connects Reading, Friedensburg and Boyertown.) (Controlled through stock ownership by Reading Transit & Lt. Co.)

Pres. E. L. West..... Reading
V. Prests. { Treas. Thomas Cheyne " / Joseph B. Taylor 50 Pine St., New York, N.Y.
Sec. & Asst. Treas. C. N. Wilson 50 Pine St., New York, N.Y.
Asst. Sec. & Asst. Treas.
J. H. Bucher..... .....Reading
Gen. Mgr. E. M. Gilbert..... "
Supt. of Rys. S. E. Smith..... "
Claim Agt. R. D. Jones..... "
Pur. Agt. H. H. Reigel..... "

Energy purchased from Metropolitan Edison Co.

Repair shops at 10th & Exeter Sts., Reading.

18.75 miles; 5-2½ g; 7 motor cars. ★127

1004—Reading Transit & Lt. Co.—Office, 12 So. Fifth St. Reading. (Successor to the Reading Transit Co; leases from the Interstate Railways Co., the Lebanon Valley St. Ry. Co., and Schuylkill Valley Trac. Co. which in turn own or lease numerous underlying companies. Owns Oley Valley Ry. Co., Neversink Mtn. Ry. Co. and Metropolitan Edison Co. In Sept. 1917, the United Traction Co. (formerly operated under lease) which leased the Reading Trac. Co. The Reading City Pass. Ry. Co., East Reading Elec. Ry. Co., The Reading & Womelsdorf Elec. Ry. Co., Birdsboro St. Ry. Co., The Reading & Temple Elec. Ry. Co., The Reading & Southwestern St. Ry. Co., Boyertown & Pottstown Rv. Co., Front & 5th St. Ry. Co. and Adamstown & Mohnsville Elec. Ry. Co., was merged.) (Operates in counties of Lebanon, Berks, Lancaster, Montgomery and Philadelphia, all located in southeastern Pennsylvania. Controls entire electric lighting and power business of Reading and Lebanon and has an electric urban and interurban railway in Reading. Birdsboro, Pottstown, Norristown, Conshohocken, Lebanon and other towns; direct connection is made with Philadelphia (Chestnut Hill), Allentown, Lancaster and Harrisburg.) (Under management of W. S. Barstow Management Assn., Inc., and controlled by The Eastern Pwr. & Lt. Corpn.)

Pres. E. L. West.....Reading
V. Prests. { Joseph B. Taylor 50 Pine St., New York, N.Y. / F. V. Henshaw 14 Wall St. " " / Treas. Thos. Cheyne. Reading
Sec. & Asst. Treas. C. N. Wilson 50 Pine St., New York, N. Y.
Asst. Sec. & Asst. Treas.
J. H. Bucher.....Reading
Gen. Mgr. E. M. Gilbert..... "
Supt. of Rys. S. E. Smith..... "
Claim Agt. R. D. Jones..... "
Pur. Agt. H. H. Reigel..... "
M. M., Thos. Gibson.....Reading
Roadmaster, E. H. Werner..... "

Energy for system furnished by Metropolitan Edison Co.

Total mileage and equip: 218 miles; 240 motor and 44 other cars. ★127

SCRANTON. 129,867.

1006—Lackawanna & Wyoming Valley R. R. Co. (Laurel Line).—Office, Terminal Sta., Scranton, Pa. (Formed by merger of the old Lackawanna & Wyoming Valley R. R. Co. and Scranton & Northeastern R. R.; Central Valley R.R. and Wilkes-Barre R.R. Co.) (Extends from Borough of Dunmore to Wilkes-Barre via Scranton and Pittston) (Controlled by Scranton & Wilkes-Barre Trac. Corpn.)

Chmn. Exec. Com. Frank R. Ford 115 Broadway, New York, N. Y.
Pres. Wm. C. Sproul.....Chester
*V. Pres. & Gen. Mgr. P. J. Murphy.....Scranton
Sec. S. C. Stivers 115 Broadway, New York, N.Y.
Treas. H. C. Kochersperger.....Phila.
Audr. H. E. Yost.....Scranton
Supt. Transpt. J. H. Murray.... "
Gen. Fgt. & Pass. Agt. W. L. Cairns..... "
Engr. Pwr. Sta. Geo. W. Esslinger..... "
M. M., A. D. Kimmett..... "
Roadmaster, R. P. Kearney..... "

Power sta. equip. 2 a. c. West. tot. 2500 kw. 3 ph. 25 cys; 2 a. c. turbo-gen. West. G.E. tot. 5500 kw. 3 ph. 25 cys; 2800 hp. b. Bab. & W; trans. volt. 22,000 v; 3rd rail volt. 650 v.

Power station and repair shops at Scranton.

Controls Valley View Park. Reaches Rocky Glen and Luna Park.

50 miles; 4-8½ g; 30 pass. and 68 fgt. cars; 2 elec. locos. and 5 fgt. motor cars. ★127

1007—Scranton & Binghamton R. R. Co.—227 Wyoming Ave., Scranton. (Controls Scranton & Binghamton Trac. Co., The Northern Electric St. Ry. Co. and Binghamton Ry. Co.) (Extends from City Line, Scranton, to Clarks Summit, Glenburn, Waverly, Dalton, Brookside, La Plume, Factoryville, Nicholson, Foster, Brooklyn, Montrose and Lake Winola. Cars operate from City Line to Scranton over Scranton & Binghamton Trac. Co's. tracks.)

Pres. A. J. Connell.....Scranton
V. Pres. F. W. Wollerton..... "
Sec. & Treas. F. W. Ogden .... "
*Audr. Jas. J. Moffat..... "
Gen. Mgr. R. W. Day..... "
Gen. Supt., Pur. Agt. & Elec. Engr. R. L. Koehler.... "
Supt. Transp. J. C. Meixel..... "
Cl. Agt. F. M. Francis..... "
Ch. Engr. T. C. Dougherty..... "
Ch. Engr. Pwr. Sta. Wm. Watkins. Dalton
M. M., John McKeand..... "
Roadmaster, H. Wittfoot..... "

Power sta. equip. 4 a. c. West. tot. 4050 kw. 370 v. 3 ph. 25 cys; 1000 hp. e. (stm.) Ham. Cor; 2000 hp. b. Frank-Heine; 3250 kw. (stm.) turb. West; trans. volt. 66,000-16,500 v; trolley volt. 625 v.

Power sta. at Brookside, near Dalton; repair shop at Brookside.

Reaches Northern Electric Park and Lake Winola (owned).

50 miles; 4-8½ g; 30 motor cars and 5 other cars. (Extension, from Montrose to Binghamton, N.Y., under construction.) (Furnishes energy for lighting.) 127

1008—The Scranton & Binghamton Trac. Co., Lessee The Northern Electric St. Ry. Co.—Office, 227 Wyoming Ave., Scranton. (On March 1, 1914, by agreement between The Scran-

ton & Binghamton Trac. Co. and Scranton & Binghamton R. R. Co., the latter took over all property except from the City Line to Providence Square and from Providence Square to 227 Wyoming Ave. Tracks between the last named points are owned by Scranton Ry. Co., but by agreement the Scranton & Binghamton Trac. Co. have right to use same.) (Controlled by Scranton & Binghamton R. R. Co.)
Pres. A. J. Connell.....Scranton
V. Pres., Gen. Supt., Pur. Agt. & Elec. Engr. R. L. Koehler..... "
Sec. & Treas. F. W. Wollerton.. "
Andr. James J. Moffat..... "
Gen. Mgr. Rich. W. Day..... "
Claim Agt. F. M. Francis..... "
Supt. Transp. J. C. Meixell..... "
Ch. Engr. T. C. Dougherty..... "
4.5 miles; 4-8½ g; no cars or equipment owned. 127

1009—Scranton Ry. Co.—Offices, 284 Lackawanna Ave., Scranton, and Witherspoon Bldg., Phila. (Owns all lines in Scranton and operates under lease the Scranton, Dunmore & Moosic Lake R. R.) (The Scranton & Carbondale Trac. Co., Carbondale Ry. Co. and Lackawanna Valley Trac. Co. have been consolidated.) (Controlled by the American Railways Co., Philadelphia, Pa.)
Pres. Van Horn Ely
Witherspoon Bldg., Philadelphia
V. Prests. { Henry J. Crowley. " / C. L. S. Tingley... "
Sec. & Treas. Walter W. Perkins "
Compt. Asst. Sec. & Treas.
Frank J. Pryor, Jr..... "
Gen. Mgr. W. E. Bolleau.....Scranton
Supt. Transp. P. T. Reilly..... "
Claim Agt. S. Dyer..... "
Pur. Agt. G. C. Weirick.....Philadelphia
Engr. of Pwr. & Equip.
E. A. Wildt.....Scranton
M. M. Jno. Duffy..... "
Roadmaster, Jos. J. Beaudreau. "
Purchases energy from Scranton Elec. Co., trolley volt. 550 v.
Repair shop at Scranton.
102.377 miles; 4-8½ g; 175 motor and 28 other cars. ★127

1010—Keystone Utilities Co.—(Incorporated in Nov., 1916 and has taken over the following companies operated by United Service Co.: Hanover & McSherrystown St. Ry. Co., Hanover Lt., Ht., & Pwr. Co., Gettysburg Electric Co., Du Bois Elec. & Trac. Co., and Susquehanna County Lt. & Pwr. Co.)
Pres. F. J. Platt.....Scranton
V. Pres. Jas. A. Linen, Jr..... "
Sec. G. T. Davis..... "
Treas. H. Little.....New York, N. Y. 127

1011—Scranton & Binghamton Ry. Co.—516 Traders National Bank Building. (Controls through ownership of entire capital stock Scranton & Binghamton R. R. Co. which controls The Scranton & Binghamton Trac. Co. and Binghamton (N. Y.) Ry. Co.)
Pres. R. W. Day.....Scranton
V. Pres. & Chmn. Bd.
Mortimer B. Fuller..... "
Sec. M. W. O'Boyle.....Pittston
Treas. E. J. Lynett.....Scranton
Asst. Sec. & Asst. Treas.
F. W. Ogden..... "
127

1012 — Scranton & Wilkes-Barre Trac. Corpn.—Offices, Richmond, Va. (Successor to Lackawanna & Wyoming Valley Rapid Transit Co., sold at foreclosure.) (Controls Lackawanna & Wyoming Valley R. R. Co.)
Chmn. Exec. Comm. Frank R. Ford
115 Broadway, New York, N.Y.
Pres. Wm. C. Sproul.....Chester
V. Pres. Walter H. Lippincott.....Phila.
*Sec. S. C. Stivers
115 Broadway, New York, N.Y.
Treas. H. C. Kochersperger.....Phila. 127

1013 — United Service Co.—Office, 700-716 Scranton Life Bldg., Scranton. (Controls, through stock ownership, the following companies: The Ohio Service Co. (Coshocton, New Philadelphia, Cambridge and Dennison, O.); East Penna. Gas & Elec. Co., Bristol, Pa.; Jefferson Elec. Co., Punxsutawney and Reynoldsville, Pa.; Warren (Pa.) Lt. & Pwr. Co. and Wabash (Ind.) Wtr. & Lt. Co.; also operates Hanover (Pa.) Lt. Ht. & Pwr. Co., Hanover & McSherrytown St. Ry. Co. (Hanover, Pa.), N. Michigan Water Co. (Escanaba, Mich.), Gettysburg (Pa.) Elec. Co., Susquehanna County (Pa.) Lt. & Pwr. Co., Du Bois (Pa.) Elec. & Trac. Co. (which owns Du Bois Trac. Co. and Du Bois Elec. Co.) and Latrobe (Pa.) Wtr. Co.
Pres. Thos. R. Brooks.....Scranton
V. Pres. A. H. Storrs..... "
Sec. Treas. & Gen. Mgr.
L. H. Conklin..... "
Andr. F. Heinbokel..... "
Ch. Engr. G. L. Bascome..... "
★127

SHAMOKIN. 19,588.

(See also No. 962.)

1014—Shamokin & Edgewood Elec. Ry. Co.—Office, cor. 8th and Independence Sts.
Pres. Sarah W. Kulp.....Shamokin
*Sec. & Treas. Manfred H. Barr "
Supt. Frank Lugar..... "
Energy purchased from Pennsylvania Ltg. Co.
Repair shop at Shamokin.
Controls Edgewood Park.
15 miles: 4-8½ g; 23 cars. ★127

SHARON. 15,270.

(See No. 855.)

SHENANDOAH. 25,774.

(See No. 928.)

SLIPPERY ROCK. 870.

(See No. 929.)

SOMERSET. 2,612.

1015—Johnstown & Somerset Ry.—Office, 6 Main St., (P. O. Box 266), Somerset. (Will connect Johnstown, Holsopple, Jerome, Jenners No. 2, Harrison, Milford, Davidsville, Acosta, Boswell, Somerset and Rockwood.)
Pres. J. A. Berkey.....Somerset
*Sec. A. Kent Miller..... "
Treas. John G. Emert..... "
Supt. U. S. Houck..... "
Elec. Engr. G. Ryder
149 Broadway, New York, N.Y.
Energy purchased from Penn Elec. Service Co; trans. volt. 13,000 v; trolley volt. 1200 v.
Sub-stas. at Holsopple and Somerset.
40 miles projected (overhead catenary); 4-8½ g. (Expects to place in operation, during 1918, section of line between Johnstown and Holsopple (8 miles) and Holsopple and Jerome (3 miles). 18j

SOUTH BETHLEHEM. 19,973.

1016—So. Bethlehem & Saucon St. Ry. Co. — Office, 26 Mechanic St. (Connects So. Bethlehem (University Heights), Seidersville, Colesville, Freidensville, Centre Valley and Philadelphia via Lehigh Valley Transit System.)
Pres. Chas. P. Hoffman...So. Bethlehem
Sec. W. H. Lauer..... "
Treas. W. E. Wieand.....Emaus

*Gen. Mgr., Claim, & Pur. Agt.
Hugh E. Crilly.....Allentown
Audr. M. M. Cannon..... "
M. M., J. M. Cannon,
University Heights, So. Bethlehem
Energy purchased from Allentown Elec. Lt. & Pwr. Co.; trolley volt. 575-600 v.
Repair shop, University Heights, So. Bethlehem.
Reaches park at University Heights (leased.)
7 miles; 4-8½ g; 8 motor pass. cars and 2 other cars. 127

STEELTON. 14,246.

(See No. 931.)

STROUDSBURG. 4,379.

1017—Stroudsburg Traction Co.—Office, 18 No. 7th St. (Leases and operates the Stroudsburg Pass. Ry. Co. and the Stroudsburg, Water Gap & Portland Ry. Co. Connects Stroudsburg, E. Stroudsburg, Water Gap and Portland. Physical connection between the roads at Main and 7th Sts., Stroudsburg. Complete track connection with the exception of one grade crossing, from the D. L. & W. R. R. passenger sta. in East Stroudsburg, to 69th & Market Sts., Phila.)
Pres. & Gen. Mgr.
A. A. Holbrook.....Stroudsburg
Treas. H. E Sweeney..... "
*Supt. E. A. MacMillan ..... "
M. M., Frank Adams ..... "
Energy purchased from Stroudsburg Elec. Lt. & Pwr. Co; trolley volt. 550 v.
Repair shop at Stroudsburg.
Reaches one park owned.
12.5 miles: 4-8½ g; 12 pass. motor cars and 1 other motor car; 1 other car. ★127

SUNBURY. 13,770.

1019—Sunbury & Susquehanna Ry. (A consolidation of Northumberland County Trac. Co., Sunbury, Lewisburg & Milton Ry. Co. and Sunbury & Selinsgrove Elec. St. Ry. Co.) (Connects Selinsgrove, Sunbury, Hamilton and Northumberland.) (The property of the Northumberland County Trac. Co. was sold under foreclosure in 1917.)
Receivers { Fred'k S. Byrod.....Sunbury / *Gen Mgr. C. H. Grant "
Pres. Wm. H. Greenough..... "
Sec. W. H. Bloom.....Williamsport
Treas. Boyd A. Musser.....Scranton
Ch. Engr. L. O. Koenig.....Sunbury
Power sta. equip. 2 d. c. (belt driven) Westg. tot. 500 kw; 350 hp. e; 300 hp. b; trolley volt. 550-600 v.
Power sta. and repair shop, Rolling Green.
Owns Rolling Green Park.
15 miles; 4-8½ g; 24 motor cars and 16 other cars. ★127†

TAMAQUA. 9,462.

(See No. 998.)

TARENTUM. 7,414.

(See also No. 965a.)

1021—Tarentum, Brackenridge & Butler St. Ry. Co.—Office, Corbet St., Tarentum. (Connects Tarentum, Brackenridge, Natrona Heights and Birdville.)
Pres. McKinstry Griffith.....Tarentum
V. Pres. & Gen. Mgr.
John McGinley..... "
Sec. & Treas. J. M. Griffith.... "
*Gen. Supt., C'laim, Fgt., Pass. & Pur. Agt. & Ch. Engr.
R. H. Boyd..... "
Energy purchased from Penna. Salt Mfg. Co.: trolley volt. 550 v.
Repair shop, Brackenridge.
3.5 miles; 5-2½ g; 5 motor cars. 127

TITUSVILLE. 8,533.

1022—Titusville & Cambridge R. R. Co. (Successor to the Erie & Central Pennsylvania Ry. Co.) (Will connect Titusville, Hydetown, Tryonville, Little Cooley and Cambridge Springs.)
*Pres. Wm. H. Bonynge } 170 Broadway,
Sec. Axtell J. Byles .. } New York, N.Y.
Treas. Terence J. McManus " "
36 miles. (Under construction). 127

1023—Titusville Traction Co.—Office, 150 E. Diamond St., Titusville. (Connects Pleasantville, Fieldmore Springs, Titusville, Hydetown and Tryonville.)
Pres. Frederick W. Garvin
46 Cedar St., New York, N.Y.
V. Pres. Geo. H. Dunham..... .. Warren
Sec. & Treas. Harry L. Moore
Marine Bk. Bldg., Erie
Audr. Charles L. Beck
1 Madison Ave., New York, N.Y.
*Gen. Mgr. & Pur. Agt.
Wm. J. Smith.....Titusville
M. M., C. W. Hawbaker..... "
Roadmaster, J. A. Lanunskie.. "
Purchases energy from Titusville Lt. & Pwr. Co.
Repair shops, Fieldmore Springs.
Owns Mystic Park and leases Fieldmore Park.
16.71 miles; 4-8½ g; 10 motor and 8 other cars. 47

TOWER CITY. 2,825.

(See No. 1040.)

TYRONE. 7,176.

(See No. 895.)

UNIONTOWN. 13,344.

(See also No. 991.)

1024—Fairchance & Smithfield Trac. Co.—Office, Uniontown.
Pres. Albert Gaddis.....Uniontown
V. Pres. W. W. Parshall..... "
*Sec., Treas. & Gen. Mgr.
L. H. Frasher..... "
Supt. Owen M. Jones.....Fairchance
Purchases energy from West Penn Pwr. Co.
2.75 miles; 5-2½ g; 3 cars. 127

UPPER DARBY. 500.

1025—Ardmore & Llanerch St. Ry. Co.—Office, Upper Darby. (Connects Llanerch and Ardmore.) (Leased to Philadelphia & West Chester Trac. Co.)
Pres. A. Merritt Taylor
610 Commercial Trust Bldg., Phila.
V. Pres. H. Hayes Aikens
610 Commercial Trust Bldg., "
Sec. & Treas. C. L. Rihl....Upper Darby
Audr. E. F. Meyers..... " "
6.38 miles 18

1026—Philadelphia & Garrettford St. Ry. Co.—Office, Upper Darby, Del. Co. (Extends from 69th St., Philadelphia, through Upper Darby, Media, Drexel Hill, Garrettford, Clifton, Aldan to Parker Ave., Collingdale). (Leased to Philadelphia & West Chester Trac. Co.)
Pres. Robt. L. Morgan.....Philadelphia
Sec. V. A. Hengst.....Upper Darby
Treas. E. F. Meyers..... "
Power sta. and repair shops at Llanerch.
17.77 miles; 5-2½ g; 10 cars. 18

1027—Philadelphia & West Chester Traction Co.—Offices, Upper Darby (Controls through stock ownership Philadelphia & West Chester Turnpike Road Co. and Philadelphia, Castle Rock

& West Chester Ry. Co.; leases Ardmore & Llanerch St. Ry. Co. and Phila. & Garrettford St. Ry. Co.) (Extends from 63rd & Market Sts., Phila., to West Chester.)
Pres. A. Merritt Taylor
610 Commercial Trust Bldg., Phila.
V. Pres. H. Hayes Aikens
610 Commercial Trust Bldg., "
*Sec. & Treas. C. L. Rihl....Upper Darby
Audr. E. F. Meyers..... "
Supt. of Transpt. J. T. Brosius "
Supt. Pwr. & Equip.
James E. Pyle..... "
Special Agt. V. A. Hengst.. "
Gen. Fgt. Agt. Harry Gable.. "
Ch. Engr. Pwr. Sta.
Lavalle Bentley.....Llanerch
M. M., E. J. Patterson..... "
Roadmaster, A. E. Garwood.... "

LLANERCH STA. EQUIP.—2 d. c. Westg. tot. 800 kw. 600 v; 2 a. c. turbo-gen. Curtis, G. E. tot. 3500 kw. 445 v. 60 cys; 2 rot. conv. tot. 2250 kw; 1000 kw. transf. 445-13,000 v; 1850 hp. b. Edge.

RIDLEY CREEK STA. EQUIP.—500 kw. mo. gen. set; 2 d. c. turbo-gen. Curtis, G. E. tot. 1000 kw. 600 v.

DREXEL HILL SUB-STA EQUIP.—2 rot. conv. G. E. tot. 1000 kw; trans. volt. 13,000 v; trolley volt. 600 v.

Power stas. Llanerch and Ridley Creek, and sub-sta. at Drexel Hill; repair shop at Llanerch.

50.25 miles (24.15 miles leased); 5-2¼ g; 37 motor cars, 3 snow plows and 3 sweepers. ★18

1028—Philadelphia & Western Ry. Co.—Office, 69th St. Terminal, Upper Darby. (Connects Philadelphia, Haverford, Bryn Mawr, Villa Nova, Wayne, St. Davids, Strafford, Gulph Mills, Bridgeport and Norristown.) (Owns one-half interest in the Norristown Transit Co.)
Pres. Thos. Newhall
Franklin Bk. Bldg., Phila.
*V. Pres. & Gen. Mgr.
J. L. Adams..... "
Sec. & Treas. Gerald Holsman
1411 Chestnut St., "
Audr. & Pur. Agt. C. S. Mountz,
Upper Darby
Ch. Engr Pwr. Sta. H. Y. Watson "
M. M. Rowland Hubbard.... "
Roadmaster, James Curran.. "

Power sta. equip. 2 a. c. G. E. tot. 4000 kw. 2300 v. 3 ph. 25 cys; 2500 hp. b. Heine; 4000 kw. stm. turb. G. E; trans. volt. 19,100 v; trolley volt. 625 v.

Power sta. at Beechwood Park (No P. O.). 3 miles west of Philadelphia; repair shops at Upper Darby.

34 miles (3d rail); 4-8½ g; 25 motor and 4 other cars, 1 snow plow. ★127

WANAMIE. 1,700.

1028a—People's St. Ry. Co. of Nanticoke & Newport.—Office, Wanamie. (Connects Nanticoke, Sheatown, Alden, Wanamie, Newport and Glen Lyon and Nanticoke and Rhone (Hanover.)
Pres. & Gen. Mgr. K. M. Smith..Alden Sta.
V. Pres. W. A. Wilkinson,
59 No. Second St., Philadelphia
Sec. L. E. Hess...1152 Market St., Berwick
Treas. Wm. Willis. .....Nanticoke
*Gen. Supt., Pur. Agt. & Ch. Elec. Engr. Wm. T. Warne.....Alden Sta.
Claim Agt.
R. B. Sheridan.....Nanticoke
Engrs. } A. Taylor..... "
Pwr. Sta. } T. Gliddon.....Alden Sta.
M. M., I. Ruckel.....Wanamie
Roadmaster, Samuel L. Morgan "
Engr. Ovhd. Constr.
W. R. Bruch.....Alden Sta.
Power sta. equip. 2 d. c. Allis-C. West. tot. 850 kw; 1050 hp. e. B. & W, Allis-C; 560 hp. b. Stir, Bab. & W, Harrisburg; trolley volt. 500-550 v. d. c.

Power sta. and repair shop at Wanamie. Reaches and controls Kermac Park at Wanamie.

9 miles; 4-8½ g; 11 motor pass. cars and 3 other motor cars; 3 other cars. ★127

WARREN. 11,080.

(See also No. 657a.)

1029—Warren St. Ry. Co.—Office, 101 Liberty St., Warren. (Connects Stoneham, Clarendon, Tiona and Sheffield.)
Pres. D. H. Siggins.....Warren
Sec., Treas., Gen. Mgr. & Pur. Agt.
H. A. Siggins..... "
Elec. Engr. A. Strohm..... "
Ch. Engr. Pwr. Sta.
L. E. Rader.....Stoneham
Roadmaster, Gus Roose.....Glade

Power sta. equip. 4 a. c. Westg. tot. 1100 kw. 380 v. 3 ph. 25 cys; 1750 hp. e. (gas) Westg; trolley volt. 550 v; trans. volt. 22,600 v.

Power sta. at Stoneham; repair shops at Warren.

20.25 miles; 4-8½ g; 18 motor and 2 other cars; 1 snow plow. (Company furnishes energy for lighting at Sheffield and Clarendon.) 116

1030—Warren & Jamestown St. Ry. Co.—Office, 101 Liberty St., Warren. (Connects Warren, Pa. and Jamestown, N. Y.)
Pres. & Gen. Mgr. D. H. Siggins...Warren
V. Pres. Homer M. Preston..Tulsa, Okla.
*Sec. & Treas. Sam Q. Smith.....Warren
Elec. Engr. A. Strohm..... "
Ch. Engr. Pwr. Sta.
A. Keller.....Stoneham

Power sta. equip. 3 a. c. tot. 1800 kw. 3 ph. 25 cys; 1900 hp. e. Westg; trans. volt. 22,000 v; trolley volt. 550 v.

Power sta. at Stoneham, Pa.; repair shops at Warren.

21.875 miles; 4-8½ g; 7 motor cars and 1 other car. 116

WASHINGTON. 18,778.

(See No. 990.)

WAYNESBORO. 7,199.

1031—Chambersburg, Greencastle & Waynesboro St. Ry. Co.—Office, Bank of Waynesboro Bldg., Waynesboro. (Connects Chambersburg, Penmar Blue Ridge, Marion, Greencastle, Zullinger, Waynesboro, Shady Grove, Rouzerville and Highfield, Md.) (Controls Waynesboro Elec. Co. and Blue Ridge Ry. Co. and is in turn controlled by the Hagerstown & Frederick Ry. Co.)
Pres. Emery L. Coblentz..Frederick, Md.
V. Pres. W. L. Minick.....Waynesboro
Sec. D. Norris Benedict..... "
Treas. Jay F. Shank..... "
Audr. C. W. Clever..... "
Gen. Mgr. M. A. Pooler..Hagerstown, Md.
*Mgr. & Pur. Agt.
R. D. Sefton.....Waynesboro
Elec. Engr. C. C. Stauffer..... "
Ch. Engr. Pwr. Sta.
A. V. Shryock..... "
M. M. Wm. Sheldon..... "

Power sta. equip. 3 d. c. C.-W. Westg. tot. 700 kw; 4 a. c. Westg, Bull, C.-W, Allis C. tot. 1000 kw. 2000 v. 3 ph. 60 cys; 1000 hp. e. Russell; 1000 hp. b. Keeler; 650 kw. (stm.) turb. De Laval, Allis-C; trans. volt. 22,000 v; trolley volt. 550 v.

Power sta. and repair shops at Waynesboro.

Reaches Pen Mar and Cold Spring Parks.

32 miles; 5-2 g; 15 motor pass. cars and 2 other motor cars; 3 other cars. ★127

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WEST CHESTER. 11,767.
(See also No. 912a.)

1032—West Chester St. Ry. Co.—Office, 350 Bullitt Bldg., Phila., Pa. (Controls Coatesville Trac. Co.) (Extends from Kennett Square, where connection is made with lines for Avondale, West Grove, Brandywine Springs and Wilmington, Del., through West Chester to Downingtown and Coatesville, and there connects with Conestoga Traction lines; connects at West Chester with lines to Philadelphia.)
Pres. Geo. D. Woodside
371 Bullit Bldg., Philadelphia
V. Pres.
Meyer Schamberg, 350 Bullit Bldg. "
*Sec., Gen. Mgr., Claim & Pur. Agt.
Jonas Rice, 350 Bullit Bldg. "
Treas. M. G. Woodside
371 Bullit Bldg., "
Gen. Supt. Thos. F. Miley...West Chester
Energy purchased from Chester Valley Elec. Co.; trolley volt 575 v.
LENAPE STA. EQUIP.—2 d. c. C-W. tot. 600 kw; 900 hp. e. Rus; 1000 hp. b. Keeler; power sta. held in reserve.
Power sta. at Lenape; repair shop at West Chester.
Controls amusement park, "Lenape."
28 miles; 5-2½ g; 14 motor pass. cars and 3 trail pass. cars; 3 other cars.
★127

WILKES-BARRE. 67,105.
(See also No. 933.)

1033—Plymouth & Larksville Ry. Co.—Subsidiary of Wilkes-Barre Railway Co.
Pres. Abram Nesbitt.....Wilkes-Barr
Supt. T. A. Wright..... "
3.5 miles: 4-8½ g; 3 motor cars. 127

1034—Wilkes-Barre Railway Co.—Exec. Office, Miners Bank Bldg. Leases and operates Wilkes-Barre & Wyoming Valley Trac. Co. (including Wilkes-Barre, Dallas & Harvey's Lake Ry. Co.), with all its subsidiary companies.
Pres. Abram Nesbitt.....Wilkes-Barre
*V. Pres., Gen. Mgr. & Pur. Agt.
Thos. A. Wright..... "
Sec. & Treas. C. W. Laycock.. "
Audr. T. A. Wright, Jr..... "
Supt. Transpt. C. F. Crane.... "
Claim Agt. E. L. Lindemuth... "
Ch. Engr. E. A. Hoffman..... "
Elec. Engr.
Ch. Engr. Pwr. Sta. & M. M.
Wm. H. Wheaton..... "
Asst. M. M. E. F. Reese..... "
Roadmaster, John Bierman.. "
Power sta. equip. 8 d. c. G. E. tot. 4200 kw; 4 a. c. G. E. Westg. tot. 600 kw. 6600 v 3 ph. 25 cys; 7000 hp. e. Harris, Prov: 5000 hp. b. Bab. & W. Heine; 1500 kw. stm. turb. G.E; trans. 6600 v; trolley volt. 575 v.
Power sta. Wood St.; repair shops Northampton St.
Controls Fernbrook and Sans Souci Parks.
113 miles; 4-8½ g; 175 motor cars.
★127

1035—Wilkes-Barre & Wyoming Valley Trac. Co.—Office, Wilkes-Barre. Leased (with its subsidiaries) to Wilkes-Barre Railway Co. Controlled by the Interstate Rys. Co. through the United Pwr. & Transpt. Co.
Pres. J. A. Rigg.....Philadelphia
Sec. & Treas. T. W. Grookett, Jr. "
Power sta. at Luzerne, Pa. 127

WILLIAMSPORT. 31,860.

1036—East End Passenger Ry. Co.—Office, Cor. Willow & West Sts. (Owned by Lycoming Improvement Co., Williamsport.)
For officers see Vallamont Traction Co.
Purchases energy from Lycoming Edison Co.
2.5 miles; 4-8½ g; 2 cars. 127

1037—South Side Passenger Ry. Co.—Office, West & Willow Sts. (Owned by Lycoming Improvement Co., Williamsport.) (Connects S. Williamsport & Williamsport.)
For officers see Vallamont Trac. Co.
Purchases energy from Lycoming Edison Co.
1.8 miles; 4-8½ g; cars rented. 127

1038—Vallamont Traction Co.—Office, West & Willow Sts. (Owned by Lycoming Improvement Co., Williamsport.)
*Pres. & Mgr. E. H. Davis, Williamsport
V. Pres. Garrett Cochran . . "
Sec. & Treas.
J. W. Cochran, Jr. .....Williamsport
Ch. Elecn. & Engr. G. E. Wendle "
Supervisor Track
H. M. Colton..... "
Purchases energy from Lycoming Edison Co.
Controls Vallamont Park.
3.6 miles; 4-8½ g; 7 cars. 127

1039—Williamsport Passenger Ry. Co.—Office, West & Willow Sts. (Owned by Lycoming Improvement Co., Williamsport.)
Pres. C. LaRue Munson....Williamsport
V. Pres. Garrett Cochran..... "
Sec. & Treas.
Joseph W. Cochran, Jr..... "
Mgr. E. H. Davis..... "
Asst. Mgr. G. E. Wendle.... "
M. M. J. W. Strawbridge..... "
Supervisor Track
H. M. Colton..... "
Energy from Lycoming Edison Co.'s plant on Hepburn St.
Repair shops, West 4th & Grier Sts.
8.25 miles; 4-8½ g; 26 motor cars, 17 other cars. 127

WILLIAMSTOWN. 904.

1040—Lykens Valley Ry Co.—Office, Williamstown. (Reorganization of Lykens and Williams Valley St. Ry. Co. Connects Lykens, Williamstown and Tower City.)
Pres. Louis Dellone.....Harrisburg
Sec. & Treas. John Oenslager, Jr.
711 No. 3d St., Williamstown
*Supt. R. E. Whisler
P. O. Box 423, Williamstown
Energy secured from Lykens Valley Lt. & Pwr. Co; trolley volt. 600 v.
Car barns at Williamstown.
10.1 miles; 5-2½ g; 8 motor and 2 other cars. (Will extend line to Reiner City.)
★117

WILLOW GROVE. 500.
(See No. 977.)

WOODLAWN. 1,396.
(See No. 994.)

YARDLEY. 894.
(See No. 612.)

YORK. 44,750.

1041—York Railways Co.—Office, 27 W. Market St. (Owns entire capital stock of the Suburban Land Co. and the York Steam Htg. Co., and all, except one-half share, of the capital stock of the Edison Lt. & Pwr. Co.) (Connects Bairs Station, Spring Grove, Menges Mills, Hanover, Windsor, Red Lion,

Dallastown, Wrightsville, Hellam, York Haven, Dover and Mt. Wolf.)
Pres. & Gen. Mgr. } 27 W. Market St., York
Gordon Campbell... }
V. Pres., Ch. Engr. & Engr. Overh'd Constr.
L. C. Mayer..... "
Sec. M. G. Stees..... "
Treas. & Pur. Agt.
E. A. Barnitz..... "
*Audr. Jno. J. Landers. "
Supt. J. E. Wayne..... "
Claim Agt. John A. Hoober Security Bldg., York
Gen. Fgt. Agt. } 27 W. Market St. York
L. E. Graff..... }
Supt. Lt., Ht. & Pwr. } 41 W. Market St., York
W. H Long..... }
Ch. Engr. Pwr. Sta.
L. J. Freed..... "
M. M., E. L. Greene..... 27 W. Market St.. "
Roadmaster, R. E. L. Kolb "
Park Mgr. F. H. Hartley "

Power sta. equip. 2 d. c. G. E, Westg. tot. 750 kw; 2 a. c. G. E, Westg. tot. 525 kw. 2300 v. 3 ph. 60 cys; 2 a. c. turbo-gen. West. tot. 7500 kva. 2300 v. 60 cys; 1500 hp. e. Allis-C, Rus; 3500 hp. b. Bab. & W; trans. volt. 23,000 & 2200 v; trolley volt. 575 v; also purchases energy from York Haven Wtr. & Pwr. Co.

Power sta. at Gas Alley and Water Sts.; repair shop at Penna. and Hartley Sts.

Reaches Highland, Brookside and Cold Springs Parks.

84.54 miles; 4-8½ g; 70 motor pass. cars and 14 other motor cars; 18 other cars. ★127

PHILIPPINE ISLANDS.

MANILA. 350,000.

1042 — Manila Elec. R. R. & Lt. Corpn.—Office, 43-49 Exchange Place, New York, N. Y. (Controls Compania de los Tranvias de Filipinas and La Electricista, and owns the Manilla Suburban Rys. Co.) (Connects Manila and suburbs.)
Pres. C. M. Swift, 1720 Ford Bldg., Detroit, Mich.
V. Prests. } J. H. Pardee.. } 43 Exchange Pl., New York, N. Y.
Jos. K. Choate }
Oper. Mgrs. J. G. White Mgt. Corpn. 43 Exchange Place, New York, N. Y.
Gen. Mgr. C. Nesbitt Duffy ..... Manila
Sec. T. W. Moffat .. } 43 Exchange Place, New York, N. Y.
Treas. R. B. Marchant }
Audr., Asst. Sec. & Asst. Treas. D. M. Shaw..... Manila
Mgr. Ry. Dept. W. R. McGeachin.. "
Mgr. Elec. Dept. J. C. Rockwell.... "
Supt. of Track, C. E. Haygood.... "
Supt. of Shops, F. J. Tew..... "
Supt. of Transpt. Oscar Keesee.... "
Claim Agt. C. H. Van Hooven..... "
Ch. Engr. Pwr. Sta. B. H. Blaisdell "

Power sta. equip. 5 a. c. turbo-gen. West. tot. 9250 kw. 2 & 3 ph. 60 cys; 4800 hp. b. Bab. & W; trans. volt. 3400 v; trolley volt. 600 v.

Power plant on Pasig River (Isla Provis), Manila; repair shops at 134 San Marcelino, Manila.

51.84 miles: 4-8½ g: 125 motor, 14 work cars and 1 trail car. (Co. furnishes ltg.) ★127

PORTO RICO.

MAYAGUEZ. 16,563.

1043 — Mayaguez Tramway Co.—Office, No. 135 Concordia St. (Successor to Sociedad Anonima Tranvia de Mayaguez.)
*Pres. & Gen. Mgr. Clemente Javierre..... Mayaguez
V. Pres. José Durán..... "
Sec. Francisco Durán ..... "
Treas. Matias Gil..... "
M. M., Pastor Carrera..... "

Power sta. equip. 2 d.c. tot. 60 kw; 100 hp. e; 110 hp. b.

2 miles; 4 Gould storage battery cars. ★127

PONCE. 35,027.

1044—Ponce Elec. Co.—Office, Ponce. (Owns the securities of the Ponce Ry. & Lt. Co., which operates an electric railway between Ponce and the Playa (Port), and which does the entire lighting and power business of Ponce and the Playa.)
Pres. Fred'k S. Pratt..... } 147 Milk St., Boston, Mass.
V. Pres. Francis J. Hovey }
Sec. Wm. T. Crawford..... "
Treas. Henry B. Sawyer.... "
Gen. Mgrs. Stone & Webster
Mgr P. M. Hatch..... Ponce
Gen. Supt. John M. Flourny..... "
Ch. Engr. L. M. Gerrish..... "

Power sta. equip. 2 d. c. G. E, Allis-C. tot. 300 kw; 3 a.c. G. E. tot. 800 kw. 2200 v. 2 ph. 60 cys; 675 hp. e. Ridg; 1025 hp. b. Bab. & W, Heine; 500 kw. turb. G. E; trans. volt. 2200 v; trolley volt. 550 v.

Power sta. on Hastos Ave. Repair shop adjacent to power sta.

5.6 miles (500 v. d. c.); 5-7½0 g; 8 motor and 4 other cars. 67

SAN JUAN. 48,716.

1045 — Porto Rico Rys. Co., Ltd.—Main office, 6 King St. East, Toronto, Ont., Can. (Owns and operates the Porto Rico Ry., Lt. & Pwr. Co. and the Porto Rico Constr. Co.)
Pres. D. E. Thomson, K. C. } Toronto,
V. Pres. W. D. Ross, K. C.. } Ont., Can.
Act'g Sec. & Treas.
T. A. Spoor..... "
★18

1046—Porto Rico Ry. Lt. & Pwr. Co.—Office, San Juan. (Operates steam line (18.03 miles) between Rio Piedras and Caguas; also operates by electricity through city of San Juan and Santurce to Rio Piedras with branch lines to Borinquen Park.) (Controlled by the Porto Rico Rys. Co., Ltd.)
*Pres. & Gen. Mgr. O. M. Sewell..San Juan
Asst. Gen. Mgr. Fred. C. Clarke "
Pur. } Moody Engr'g. Co.
Agt. } 90 West St., New York, N. Y.
Elec. Engr. & Supt. Ltg. & Pwr.
Div. Ross W. Cryder..... San Juan
Supt. Trolley & R. R. Div.
G. L. Enfors..... "

Power sta. equip. 1 d. c. Bull. 650 kw; 2 a. c. Westg, G. E. tot. 6775 kw. 2300 v. 2 & 3 ph. 60 cys; 1650 hp. b. Cahall, Bab. & W; 1750 kw. stm. turb. Westg; 7700 h p. turb. (wtr.) Morris, Smith, W. S. M.; trans. volt. 23,000-4400-2300 v; trolley volt. 580 v.

Power stas. Comerio and Santurce; repair shops, Rio Piedras and Santurce.

Operates and reaches Borinquen Park, Santurce.

14.464 miles elec.; 4-8½ g; 35 motor pass. cars and 10 trail pass. cars; 4 elec. locos: 6 stm. locos, 6 pass. cars and 199 freight cars. (Company does general ltg. and pwr. business.) ★18

RHODE ISLAND.

MIDDLETOWN. 1,992.

(See No. 401.)

NARRAGANSETT PIER. 1,469.

(See No. 1053.)

Google

NEWPORT. 27,149.

1047—Bay State St. Ry. Co.— See Boston, Mass.
Power sta. equip. 4 d. c. G. E. tot. 1125 kw; 4 a. c. turbo-gen. G. E. tot. 2500 kw. 3 ph. 60 cys; 500 hp. e. Prov; 1900 hp. b. Bab. & W; trans. volt. 2300 v; trolley volt. 575 v. Power sta. Thames St. ★127

1048—Newport & Providence Ry. Co.—Office, Middletown; P. O. address Newport. (Connects Newport, Middletown, Portsmouth and Bristol Ferry, where connection is made by ferry with New York, New Haven & Hartford R. R. to Providence.)
Pres. Edward A. Brown.....Newport
Treas. Geo. E. Macomber...Augusta, Me.
*Supt. & Pur. Agt. G. M. Towle..Newport
Purchases energy from Bay State St. Ry. Co.
Repair shop at Middletown.
14.5 miles; 4-8½ g; 13 motor and 2 other cars. ★127

PAWTUCKET. 51,622.
(See Nos. 158 and 1052.)

PORTSMOUTH. 2,681.

1049—Bay State St. Ry. Co.— See Boston, Mass.
Power sta. equip. 2 d.c. G.E. tot. 825 kw; 1200 hp. e. Prov; 750 hp. b. Bab. & W; 100 kw. turb. G. E; trans. volt. 2300 v. 3 ph. 60 cys; trolley volt. 600 v. 127

PROVIDENCE. 224,326.
(See also Nos. 399a, 460 and 1048.)

1050—Providence & Danielson Ry. (Leased to and now operated by the Rhode Island Co. as the Danielson Division.)
Pres. Charles C. Mumford....Providence
Sec. & Treas. Franklin A. Smith, Jr. " 127

1051—Providence, Warren & Bristol R. R. Co.—Office, Room 425 South Station, Boston, Mass. (This section of the New York, New Haven & Hartford R. R. has been equipped with the overhead trolley system, and operates over double track from Providence to Warren, with a single track branch from Warren to Bristol, and from Warren to Fall River.)
Pres. Nathaniel W. Smith.....Providence
V. Pres. E. M. Willis.....Boston, Mass.
Clerk, A. E. Clark....New Haven, Conn.
Treas. Geo. B. Phippen ...Boston, Mass.
Power sta. equip. 3 a. c. West. tot. 5250 kw. 13,200 & 2300 v. 3 ph. 25 cys: 2400 hp. b. Bab. & W; 5250 kw. turb. (stm.) West; trans. volt. 13,200 v; trolley volt. 660 v. Emergency energy from R. I. Co.
Power sta. at Warren; repair shop at Valley Falls.
24 miles; 28 motor cars, 25 trailers and 1 motor wire repair car. ★18

1052—The Rhode Island Co.—Office, 100 Fountain St., Providence. (Owns Providence & Burrillville St. Ry. Co., Columbian St. Ry. Co., and the Woonsocket St. Ry. Co.; operates through lease Union R. R. Co., Rhode Island Suburban Ry. Co., Pawtucket St. Ry. Co., Sea View R. R. Co., Providence & Danielson Ry. and Narragansett Pier R. R. Co. (steam). Controls all lines in Providence, Pawtucket and Woonsocket which it connects; also connects Cranston. No. Providence, Barrington, Coventry, Warren, Central Falls, Warwick, E. Greenwich, Cumberland, Lincoln, E. Providence, Burrillville, Scituate, Foster, Danielson, Wickford, Peace Dale, Wakefield, West Warwick and Narragansett Pier.) (Controlled by Messrs. Rathbone Gardner, John O. Ames, John P. Farnsworth, Theodore F. Greene and Chas. C. Mumford, Trustees of Rhode Island Trolley Lines, under decree of District Court of the U. S. Southern District of New York, Oct. 17, 1914.)
*Pres. & Gen. Mgr.
A. E. Potter .....Providence
V. Pres. A. T. Potter..... "
Sec. Theodore Francis Green "
Treas. E. E. Worrall..... "
Compt. C. A. Babcock..... "
Supt. Transpt. R. R. Anderson "
Supt. Transpt. (Northern Div.)
Frank H. Brown..... .... "
Claim Agt. C. E. Redfern..... "
Gen. Fgt. Agt. A. E. Paddock "
Pur. Agt. J. H. Sanford,
New Haven, Conn.
Ch. Engr. H. W. Sanborn.....Providence
Supt. Pwr. & Lines
W. C. Slade..... "
Ch. Engr. Pwr. Sta.
D. P. Miner..... "
Supt. of Equip.
W. D. Wright..... "
Supt. Track
A. V. Gardiner..... "
Power stas. equip. 2 d.c. G. E, West. tot. 5000 kw; 2 a. c. G. E, tot. 3000 kw. 11,000 v. 3 ph. 25 cys; 13,320 hp. b. Bab. & W., Big, Hornsby; 40,500 kw. stm turb. Westg, G. E; trans. volt. 11,000 v; trolley volt. 600 v.
Power sta. at Eddy and Manchester Sts.; repair shop at Cranston St., Arlington, R. I.
Reaches Roger Williams Park, Crescent Park, Hunt's Mills, Rocky Point and Rhodes-on-Pawtuxet.
400.482 miles operated; 4-8½ g; 1019 passenger motor cars and 177 other cars; 66 snow plows. (Company sells energy.) ★127

1053—The United Traction & Electric Co.—Office, Providence, R. I. (Owns the Union Railroad Co., Pawtucket St. Ry. Co. and the Rhode Island Suburban Railway Co, all of which are leased to The Rhode Island Co.) 127

TIVERTON. 1,525.
(See No. 401.)

WAKEFIELD. 2,000.

1053a—Sea View R. R. Co.—(Connects E. Greenwich, Wickford, Narragansett Pier and Wakefield.) (Leased to and operated by The Rhode Island Co. as its Sea View Div.)
Pres. John P. Farnsworth....Providence
Sec. & Treas. Theodore F. Green "
★127

WESTERLY. 8,696.
(See No. 108.)

WOONSOCKET. 38,125.
(See Nos. 438 and 1052.)

SOUTH CAROLINA.

AIKEN. 3,911.
(See No. 135.)

ANDERSON. 9,654.

1054 — Southern Public Utilities Co. For general officers see Charlotte, N. C. (Connects North Anderson and City of Anderson.)
Mgr. H. A. Orr.....Anderson
Supt. Thos. F. Hill..... "
Roadmaster T. O. Bowen ..... "

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Power sta. equip. 1 d. c. West. 225 kw; 11 a. c. West, G. E. tot. 8750 kw. 2200 v. 3 ph. 60 cys; 350 hp. e. B. & W; 400 hp. b. W. & W; 750 kw. turb. (stm.) G. E; 12,000 hp. turb. (wtr.) Smith; trans volt. 22,000—13,000—2200 v; trolley volt. 750 v.

Power stas. and repair shops, Anderson.

9.51 miles; 4-8½ g; 10 motor and 2 other cars. 127

CHARLESTON. 58,833.

1055 — Charleston Consol. Ry. & Ltg. Co. — Office, 141 Meeting St., Charleston. (Leased the Charleston Consol. Ry., Gas & Elec. Co. for 99 years.) (Connects Charleston, U. S. Navy Yard and No. Charleston.) (The United Gas Improvement Co., of Phila., Pa. is interested in this co.)

Pres. P. H. Gadsden.....Charleston
V. Prests. { Walton Clark 1401 Arch St., Phila., Pa.
Lewis Lillie " "
C. M. Benedict....Charleston
Sec. G. W. Curran 1401 Arch St., Phila., Pa.
Treas. James Ball " "
Audr. C. J. Bendt.....Charleston
Supt. Ry. Dept.
T. W. Passailaigue..... "
Claim Agt. I. S. Stork..... "
Pur. Agt. J. A. Pearson.....Phila., Pa.
*Engr. J. G. Felton.....Charleston
Ch. Engr. Pwr. Sta. J. O. Moisson "
M. M., F. H. Harris..... "
Engr. M. of W., L. Y. Dawson "
Engr. Ovhd. Constr. E. A. Fox "

Power sta. equip. 3 d. c. G. E. tot. 1500 kw; 3 a. c. turbo-gen. G. E. tot. 5000 kw. 2300 v. 3 ph. 60 cys; 3168 hp. b. Franklin, Heine; trans. volt. 13,200-6600-2300 v; trolley volt 550 v.

Power sta., foot of Charlotte St. on Cooper River; reserve plant and repair shop at Meeting St. Road, Charleston.

Reaches Base Ball Park, Chicora Park, Naval Station and Hampton Park Air Dome.

37.51 miles; 4-8½ g; 73 motor pass. cars and 13 trail pass. cars; 2 other cars (Company does general ltg. and pwr. business and sells energy to Charleston-Isle of Palms Trac. Co.) ★127

1056 — Charleston - Isle of Palms Traction Co. — Office, New Charleston Hotel Bldg. (Owns and operates the Charleston-Isle of Palms Ry. and connecting ferry line, and a lighting plant which supplies light and power for Mt. Pleasant, Sullivan's Island, the Government Reservation and the Isle of Palms; the railway connects all these points.)

Pres. James Sottile.....Charleston
Sec. Lawrence Pinckney..... "
Audr. Aug. Janssen..... "
*Gen. Supt. & Ch. Engr.
W. W. Fuller..... "
M. M., G. H. Smith..... "

Power sta. equip. 2 d. c. G. E. tot. 450 kw; 2 a. c. G. E. West. tot. 225 kw. 2300 v. s. & 3 ph. 60 cys; 1000 hp. e. H. F. & M; 1000 hp. b. H. F. & M; trans. volt. 500-550 v.

Power sta. at Sullivan's Island: Mt. Pleasant sub sta. (2 rot. conv. G. E. tot. 600 kw.); repair shops at Mount Pleasant. Isle of Palms owned by company.

9 miles; 4 8½ g; 11 motor and 11 other cars. 127

COLUMBIA. 26,319.

1057—Columbia Ry., Gas & Elec. Co.—Office, Arcade Bldg., Columbia (Formerly the Columbia Elec. St. Ry., Lt. & Pwr. Co.) (Connects New Brookland, Waverly, Shandon, North Columbia, Ridgewood, Ean Claire, College Place and Shandon Annex.)

Pres. & Treas. Edwin W. Robertson Loan & Exc. Bank
V. Pres. Henry Parsons, New York, N. Y.
Sec. R. Charlton Wright Loan & Exc. Bank
Audr. Chas. M. Tew.....Arcade Bldg.
*Gen. Mgr. & Pur. Agt.
A. L. Kenyon..... .... "
Supt. Jno. F. Knowlen..... "
Supt. Transpt. J. W. Spence Transfer Office
Claim Agt. C. P. Davis Loan & Exc. Bank
Engr. Pwr. Sta. L. Hall.....Gervais St.
M. M., W. C. Devane.....Car Barn

Power sta. equip. 5 d. c. G. E. tot. 1500 kw; 9 a. c. G.E, Westg. tot. 10,500 kw. 3300 v. 3 ph. 40 cys; 4000 hp. b. Bab. & W, Stir.; 6000 kw. stm. turb. G. E, Westg; 24,000 hp. turb. (wtr.) Smith, Allis-C; trans. volt. 3300 v; trolley volt. 600 v.

Power stas. Parr Shoals and Columbia; repair shops Columbia.

35 miles; 4-8½ g; 48 motor pass. cars, 12 trail pass. cars and 4 other motor cars. (Co. does general lighting and power business.) ★127

GREENVILLE. 15,741.

(See also No. 765.)

1058—Southern Public Utilities Co.—For general officers, see Charlotte, N. C.

Claim Agt., Luther Guy.....Greenville
Mgr. James McCabe..... "
Supt. W. R. Childress..... "
M. M., C. J. Addicks..... "
Engr. M. of W., S. J. Estes.... "

Energy purchased from Greenville-Carolina Pwr. Co: 3 rot. conv. West, G. E. tot. 1100 kw; trans. volt. 13,000 v; trolley volt. 600 v.

Repair shop at East Broad St., Greenville.

Reaches and owns Dukeland Park.

14.23 miles; 4-8½ g; 23 motor pass. cars and 1 other motor car. ★127

ROCK HILL. 7,216.

1059—Carolina Traction Co.—Office, Rock Hill.

*Pres. & Treas. J. M. Cherry, 135½ E. Main St., Rock Hill
Sec. & Park Mgr. Jas. S. White... "

Purchases energy from Southern Power Co.

3 miles; 4-8½ g; 3 storage bat. cars. 67

SPARTANBURG. 17,517.

1060—South Carolina Lt., Pwr. & Rys. Co.—Office, 33 Morgan Square. (Connects Spartanburg, Saxon, East Spartanburg, Glendale and Clifton.)

Pres. P. G. Gossler 62 Cedar St., New York, N. Y.
*V. Pres. & Gen. Mgr.
F. H. Knox.....Spartanburg
Sec. & Treas. F. B. Lasher 62 Cedar St., New York, N. Y.
Asst. Treas. A. S. Jolly.....Spartanburg
Supt. Ry. B. A. Buckhalster. "
Claim Agt. L. P. Dashiell.... "
Pur. Agt. W. J. Knox..... "
Elec. Engr. J. H. Axtell.... "
Ch. Engr. Pwr. Sta.
H. A. Parshall.....Gaffney
Engr. M. of W.,
J. P. Sellers.....Spartanburg

Power sta. equip. 4 d. c. Westg. G. E. tot. 700 kw; 5 a. c. G. E. tot. 7200 kw. 2300 v. 3 ph. 60 cys; 3060 hp. b. Bab. & W; 3000 kw. steam turb. G. E; 12,000 hp. wtr. turb. S. Morgan Smith; trans. volt. 33,000 v; trolley volt. 600 v.

Power sta. (steam plant) at Spartanburg and hydro-electric plant at Gaston Shoals; repair shops, E. Spartanburg.

21 miles; 4-8½ g; 21 motor and 2 other cars. Company does general lighting and power business. 77

SOUTH DAKOTA.

ABERDEEN. 10,753.

1061—Aberdeen Railroad Co. (Successor to Aberdeen Ry. Co.) Office, Aberdeen. (Connects Aberdeen and suburbs.)

Pres., Gen. Mgr. & Pur. Agt.
Chas. A. Howard.....Aberdeen
V. Prests. { W. D. Swain..... "
{ Patrick Daley..... "
Treas. A. L. Ward..... "
Sec. S. C. Hedger..... "
*Audr. J. E. McKinney..... "
Supt. & Ch. Engr.
A. F. McQuillan..... "
Atty. Chas. N. Harris..... "
Barn Fmn.
Christian Wahl..... "

Purchases energy from Aberdeen Light & Power Co.: trolley volt. 550 v.

Reaches Wiley Park, under management of Aberdeen Park Board.

5.85 miles; 4-8½ g; 10 motor pass. cars, 2 trail pass. cars and 1 other motor car: 1 snow plow and 3 other cars. ★127

DEADWOOD. 3,653.

1062—Chicago, Burlington & Quincy R.R. Co.—Offices, 547 West Jackson Blvd., Chicago, Ill. and 10th & Farnam Sts., Omaha, Neb. (Steam road now operating by electricity, branch between Deadwood, Lead and Pluma.)

Pres. Hale Holden.....Chicago, Ill.
V. Pres. E. P. Bracken..... " "
Asst. Treas. C. J. Ernst.....Omaha, Neb.
Gen. Audr. C. I. Stnrgis.....Chicago, Ill.
Audr. W. P. Durkee..... "
*Gen. Mgr. G. W. Holdrege..Omaha, Neb.
Asst. Gen. Mgr. W. F. Thiehoff "
Supt. E. E Young.....Alliance, Neb.
Asst. Supt. Trans.
O. E. Pearson.....Omaha, Neb.
Asst Supt. & Roadmaster,
W. G. Dungan .....Deadwood
Pur. Agt. L. N. Hopkins.....Chicago, Ill.
Gen. Pass. Agt. L. W. Wakeley
Omaha, Neb.
Gen. Frgt. Agt.
F. Montmorency ..... "
Engr. Maint. of Way,
F. T. Darrow, Lincoln, Neb.
Elecl. Engr. J. E. Gardner..Chicago, Ill.
Ch. Engr. A. L. Newton.... "
M. M., J. G. Dole.....Alliance, Neb.

Energy purchased from Consolidated Lt. & Pwr. Co.

Repair shops at Deadwood.

Reaches McDonald Park, Deadwood and City Park, Lead.

4 miles; 3 g; 3 motor and 2 trail cars. ★127

SIOUX FALLS. 25,000. (1917.)

1063—Sioux Falls Traction System.—Office, 415 No. Main Ave., Sioux Falls.

Pres. & Gen. Mgr. F.M. Mills..Sioux Falls
1st V. Pres. A. C. Mills..... " "
*2d V. Pres., Sec., Treas. Audr. & Cl. Agt. R. C. Mills..... " "
Supt. & Ch. Engr.
John K. Gibson..... " "
Roadmaster & M.M., H.A. Ritter " "
Supt. Ovhd. F. W. Hobson... " "

Energy purchased from Northern States Power Co.; trolley volt. 550 v.

Repair shops and car barns, 415 No. Main St.

Reaches Sherman, McKennan and Lein's Parks.

15 miles; 4-8½ g; 13 motor pass. cars and 3 other motor cars. ★127

TENNESSEE.

BRISTOL. 7,148.

1064—Bristol Traction Co.—Office, Bristol. (Operates in Bristol and extends to Big Creek.) (The Holston Valley Ry. (formerly controlled) has been electrified and is now consolidated with and operated as part of the Bristol Traction Co.) (On Sept. 15, 1917, property purchased by B. L. Dulaney and associates. Service has been suspended.)

Receivers { Fred. Dulaney .....Bristol
{ Joseph Caldwell..... "
*Pres. B. L. Dulaney.....4th St., "
Sec. Treas. & Audr.
Wm. E. Eberhart, Jr. "

Purchases energy from Bristol Gas. & Elec. Co.

Repair shops at Bristol.

Reaches amusement park at Big Creek.

15.80 miles; 4-8½ g; 12 motor cars and 2 freight cars. ★107j

CHATTANOOGA. 50,000 (1912).

1065—Chattanooga Ry. & Lt. Co.—Office, 710 Market St. (Consolidation of the Chattanooga Rys. Co. and the Chattanooga Elec. Co.) (Owns entire capital stock of Lookout Mtn. Ry. Co., which controls through ownership of all securities, Lookout Incline Ry. Co.) (Connects Chattanooga, East Lake, St. Elmo, Alton Park, Rossville, Lookout Mtn., Hill City, Boyce and Mission Ridge, Tenn., and Dodge, Ga.) (Controlled by the Tennessee Ry. Lt. & Pwr. Co.)

Pres. C. M. Clark, 321 Chestnut St. Philadelphia, Pa.
1st V. Pres. S. G. McMeen...Columbus, O.
*2d V. Pres. F. W. Hoover...Chattanooga
Sec. & Treas. G. L. Estabrook
321 Chestnut St., Philadelphia, Pa
Asst. Sec. & Asst. Treas.
G. W. Buchanan.....Chattanooga
Gen. Supt. E. D. Reed..... "
Supt. Ry. Dept. J. R. Anderson "
Supt. Ltg. Dept. ——— "
Claim Agt. M. J. Horan..... "
Pur. Agt. W. A. Boyles..... "
Ch. Engr. Pwr. Sta.
E. C. Williamson ..... "
Engr. Maint. of Way,
E. R. Dike..... "

Purchases energy from Tennessee Pwr. Co.; 5 d. c. G. E. S.-H. tot. 3600 kw; 6 a. c. G. E. tot. 4000 kw. 2300 v. 3 ph. 60 cys; 4000 hp. e. H. C. Allis-C, Fulton; 7390 hp. b. Bab. & W, Hejne; 4000 hp. (stm.) turb. G. E; trans. volt. 6600-2300 v; trolley volt. 550 v.

Power sta., Cliff St.; repair shops, Market St.

61.475 miles; 4-8½ g; 104 motor and 12 other cars. (Company does lighting and power business.) ★127j

1066 – Chattanooga Traction Co.—Office, James Bldg., Chattanooga. (Connects Chattanooga, Signal Mountain and Red Bank and intermediate stations.)

Pres. C. E. James.....Chattanooga
*V. Pres., Gen. Mgr., Pur. Agt, & Ch. Engr., W. T. James "
Sec. D. F. Bickham..... "
Treas. John L. Davies..... "
Supt. C. A. Comer.....No. Chattanooga
Signal Engr., Ray Cates..... "
Ch. Engr. Sub. Sta.
Ray Andrews..... "
M. M., Wm. Raines..... "
Engr. M. of W.
W. J. Blackburn..... "

Purchases energy from Chattanooga & Tenn. River Pwr. Co.; trans. volt. 6600 v; trolley volt. 600 v; 2 d. c. G. E. West. tot. 800 kw.

Repair shops at No. Chattanooga.
20 miles; 4-8½ g; 11 motor and 9 other cars. 67

1067—Lookout Mountain Ry. Co. and Lookout Incline Ry. Co.—Office, 710 Market St., Chattanooga, Tenn. (Operates incline to Lookout Mountain. Connects St. Elmo, Chattanooga and Lookout Mountain.) (Owned by Chattanooga Ry. & Lt. Co.)
Pres. C. M. Clark.....Phila., Pa.
V. Prests. { S. G. McMeen.....Columbus, O.
F. W. Hoover.....Chattanooga
Sec. & Treas. G. L. Estabrook Philadelphia, Pa.
Asst. Sec. & Asst. Treas. G. W. Buchanan.....Chattanooga
Gen. Supt. E. D. Reed..... "
Supt. H. L. Harbin..... "
Claim Agt. M. J. Horan..... "
Elec. Engr. — — ..... "
Engr. Maint. of Way, E. R. Dike "
Energy purchased from Chattanooga Ry. & Lt. Co.; trans. volt. 6600 v; trolley volt. 550 v.
10.795 miles; 4-8½ g; 12 motor and 2 other cars. ★127j

1068 — Tennessee Ry., Lt. & Pwr. Co.—Office, Market St., Chattanooga. (Holding company and owns practically all of the common and preferred stocks of the Chattanooga Ry. & Lt. Co.; common stock of the Nashville Ry. & Lt. Co.: also capital stock of the Tennessee Pwr. Co. of Chattanooga.)
Pres. C. M. Clark.....Phila., Pa.
V. Prests. { Geo. E. Hardy, New York, N. Y.
H. M. Byllesby...Chicago, Ill.
Fred'k C. Walcott New York, N. Y.
E. W. Clark.....Phila., Pa.
Sec. & Treas. G. L. Estabrook.. "
Asst. Secs. and Asst. Treasrs. { Wm. Lilley.... "
Jacob Hekma New York, N. Y.
Clerk Wm. M. Bradley.....Portland, Me. 47d

CLARKSVILLE. 8,548.

1069 — Citizens Ry. Co.—Office, Clarksville. (Successor to Clarksville & Dunbar Cave Ry. Co.)
Pres. & Gen. Mgr. W. E. Beach.....Clarksville
V. Pres. John J. Conroy..... "
Sec. S. Newberger..... "
Treas. C. W. Bailey..... "
Audr. (Miss) Ella Neblett..... "
Supt. Allen Harris..... "
Purchases energy from Ky. Public Service Co.
Repair shops at 10th St., Clarksville.
League Park controlled and reached by company.
5.5 miles; 4-8½ g; 4 motor cars. 127

JACKSON. 15,779.

1070—Jackson Ry & Lt. Co.—General office, Columbia Bld., Louisville, Ky. (Successor to the Jackson & Suburban St. R. R. Co.) (Connects Jackson & Hicksville.)
Pres. C. E. Claggett..... Louisville, Ky.
V. Pres. & Gen. Mgr. S. S. Bush..... " "
Sec. Geo. W. Lewis..... " "
Treas. Columbia Trust Co. " "
Audr. H. R. Bland.....Jackson
*Gen. Supt.; Pur. Agt. & Park Mgr. John Wisdom..... "
Power sta. equip. 2 d. c. Westg. tot. 500 kw; 3 a. c. turbo-gen. Westg, Allis-C. tot. 1850 kw. 2300 v. 3 ph. 60 cys; 1475 hp. b. Sterl, Vogt; trans. volt. 2300 v; trolley volt. 550 v.
Power sta. and repair shop, South Royal St.
Owns Highland Park.
15 miles; 4-8½ g; 19 motor and 4 other cars. (Co. does general ltg. & pwr. business.) ★127

JOHNSON CITY. 8,502.

1071—Johnson City Traction Corpn.—Office Roan St., Johnson City. (Connects Johnson City and Carnegie.)
Pres. W. A. Leland.....Johnson City
V. Pres. & Pur. Agt. { M. H. Merrill..... { 50 Congress St., Boston, Mass.
*Sec. H. W. Rogers.... " "
Treas. R. F. Tucker.... " "
Audr. R. M. Clark.....Johnson City
Gen. Mgr. Amzi Smith..... "
Supt. G. C. Sanders..... "
Ch. Engr. Pwr. Sta. Robt. Carrier..... "
M. M., M. H. Collins..... "
Power sta. equip. 2 a. c. G. E. tot. 650 kw. 3 ph. 60 cys; 500 hp.e. Allis-C; 900 hp. b. C. & Z, Bab. & W; 500 kw. stm. turb, G. E; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. and repair shops at Roan St., Johnson City.
Reaches National Soldiers' Home.
6 miles; 4-8½ g; 15 motor pass. cars and 3 other motor cars. 127

KNOXVILLE. 85,000.

1072—Knoxville Railway & Light Co.—Office, 626 Gay St. (Connects Park City, Lonsdale, Oakwood, Mountain View, Fountain City, South Knoxville, Vestal and Lincoln Park.) (Controlled by the American Cities Co., New York, N. Y.)
Chmn. Exec. Comm. J. S. Pevear.....Birmingham, Ala.
*Pres. & Gen. Mgr. C. H. Harvey.....Knoxville
V. Pres. W. S. Shields..... "
Sec. & Treas. C. J. Pleming..... "
Audr. C. A. Briggs..... "
Supt. Ry. T. C. Kelly..... "
Claim Agt. S. J. Herrell..... "
Pur. Agt. J. E. Lebow..... "
Ch. Engr. James Link..... "
Engr. Pwr. Sta. O. E. Collins... "
Engr. Maint. of Way, F. J. Jones "
M. M., J. M. Kington..... "
Roadmaster, M. D. Wyrick.... "
Engr. Lines & Constr. C. D. Green..... "
Power sta. equip. 5 a. c. G. E, Allis-C, tot. 6900 kw. 2300 v. 3 ph. 60 cys; 800 hp. e. Ham; 3900 hp. b. Bab. & W, Stir; 6000 kw. stm. turb, G. E. Allis-C; trans. volt. 13,200 & 2300 v; trolley volt. 550 v.
Power sta. cor. 6th & Washington Aves.; repair shops, Magnolia Ave. & Jessamine St.
Owns Chilhowee & Fountain City Parks.
54.7 miles; 4-8½ g; 81 motor pass. cars, 34 trail pass. cars and 12 other motor cars; 2 other cars. (Company does lighting.) ★127

LOOKOUT MOUNTAIN. 631.

(See No. 1067.)

MEMPHIS. 131,105

1073—Memphis & Lake View Ry. Co.—Office, Beale Ave. and Walnut St, (Connects Memphis and Lake View. Miss.)
Pres. & Gen. Mgr. T. H. Tutwiler.....Memphis
V. Pres. Luke E. Wright..... "
Sec. & Treas. W. H. Burroughs..... "
Purchases energy from Memphis Consolidated Gas & Elec. Co.
10.83 miles; 4-8½ g; 4 cars. 127

1074—Memphis St. Ry. Co.—Office, Walnut St. & Beale Ave. (Controlled by the American Cities Co., New York, N. Y.)
Pres. & Gen. Mgr. T. H. Tutwiler Memphis
V. Pres. Luke E. Wright..... "
*Sec. & Treas.
W. H. Burroughs..... "
Audr. L. Le May..... "
Gen. Supt. E. W. Ford..... "
Claim Agt. C. B. Proctor..... "
Pur. Agt. W. N. Ford..... "
Ch. Engr. J. H. Haylow..... "
Engr. Pwr. Sta. J. W. McCarty.. "
Supt. of Equip. & Ovhd. Lines
A. D. McWhorter..... "
Roadmaster, T. M. Gorman..... "
Power sta. equip. 7 d.c. G. E. & Walker tot. 8800 kw; 18,900 hp. e. Allis-C. & Penn; 7820 hp. b. Bab. & W, Stir; trans. volt. 500 v; trolley volt. 550 v.
Power sta. Fourth St. and Railroad Ave.; repair shops, Walnut St. and Beale Ave.
Reaches East End, Overton and Riverside Parks and Tri-State Fair Grounds.
124 miles; 4-8½ g; 344 pass. cars, 26 other cars. ★127

1075—Memphis & Rugby Ry.—Office, 1416 Tenn. Trust Bldg., Memphis. (Connects Memphis and Rugby Park.)
Pres. W. J. Francis..... Memphis
*Sec. & Treas.
F. H. Chamberlain..... "
Pwr. sta. equip. 1 d. c. 30 kw; 37½ hp. e. (oil).
Pwr. sta. and repair shop at Rugby Park.
Reaches Rugby Park.
2 miles; 4-9 g; 1 motor car and 2 other cars. (Storage battery system.) (Furnishes energy for ltg. at Rugby Park.) 17d

NASHVILLE. 110,364.

1076—Union Trac. Co.—Office, 302 Second Ave., No., Nashville. (Successor to all the properties, rights and franchises of the Nashville-Gallatin Interurban Ry.) (Connects Nashville with Gallatin.)
*Pres. H. H. Corson..... Nashville
V. Pres. John Bell..... "
Gen. Mgr. L. C. Connell..... "
Purchases energy from Nashville Ry. & Lt. Co.; trans. volt. 33,000 v., 3 ph. 60 cys; 4 transf. G. E. tot. 200 kva. 2300-19,000 v; 4 transf. G. E. tot. 200 kva. 19,000-390 v; trolley volt. 1200 v.
Sub-sta. and repair shops, Hendersonville.
Reaches and owns Rockland Park.
27.05 miles; 4-8½ g; 6 motor cars and 1 other car. ★107

1077—Nashville Interurban Ry.—Office, 533 Broadway, Nashville. (Connects Brentwood, Nashville and Franklin.)
Pres. & Treas. John H. Carpenter Nashville
Sec. C. R. Cockle..... "
Audr. W. H. Parrish, Jr..... "
*Gen. Mgr. & Pur. Agt.
Meade Frierson..... "
Supt. E. C. Shockley..... "
Purchases energy from Nashville Ry. & Lt. Co.; sub-stas. at Brentwood and Franklin.
19.3 miles; 4-8½ g; 4 passenger cars, 2 fgt. cars and 1 elec. loco. ★127

1078—Nashville Ry. & Lt. Co.—Office, 605 Church St. (Absorbed the Cumberland Elec. Lt. & Pwr. Co. (Controlled by the Tennessee Ry., Lt. & Pwr. Co.)
Pres. C. M. Clark
321 Chestnut St., Philadelphia, Pa.
1st V. Pres. S. G. McMeen
Huntington Bk. Bldg., Columbus, O.
2d V. Pres. & Gen. Mgr.
F. W. Hoover..... Nashville
Sec. & Treas. G. L. Estabrook.. "
*Asst. Sec. & Asst. Treas.
B. F. Manning..... "
Gen. Supt. B. C. Edgar..... "
Asst. Gen. Supt.
J. P. W. Brown..... "
Claim Agt. Kinney Harman.... "
Pur. Agt. J. M. Davidson..... "
Supt. Ry. H. A. Davis..... "
Elec. Engr. & Supt. Pwr.
H. S. Badger..... "
Ch. Engr. Pwr. Sta. W. G. Cameron
430 1st Ave., No., "
M. M., Geo. W. Swint..... "
438 4th Ave., No., "
Engr. M. of W., H. C. Benagh... "
Power sta. equip. 1 d. c. G. E. 1600 kw; 4 a. c. turbo-gen. G. E. tot. 15,500 kw. 2300 v. 3 ph. 60 cys; 1600 kw. e. Int. Pwr. Co; 7940 hp. b. Bab. & W; trans. 120,000. 19,000-13,200 v; trolley volt. 600 v.
Power sta., 1st Ave., No.; repair shop, 428-448 4th Ave., No.
99.46 miles; 4-8½ g; 204 motor pass. cars, 23 trail pass. cars and 15 other motor cars. (Co. does ltg. and sells energy to railway companies.) ★127

1079—Nashville Trac. Co.—Office, 150 Fourth Ave. N., Nashville. (Operates in Nashville and reaches suburbs.)
Pres. W. O. Parmer..... Nashville
V. Pres. C. M. Crawford..... "
Sec. & Treas.
A. V. Burrington..... Columbus, O.
Audr. S. O. Wright..... Nashville
*Gen. Mgr., Pur. Agt. & Ch. Engr.
G. B. Howard..... "
Supt. E. N. Woolard..... "
Claim Atty. W. E. Steger
Steger Bldg. Nashville
Elec. Engr. J. B. Mullins..... "
Purchases energy; trolley volt. 550 v. d. c.
4.5 miles constructed; 4-8½ g; 3 motor cars. (System will have about 25 miles of track when completed.) ★127

TEXAS.

ABILENE. 9,204.

1080—Abilene St. Ry. Co.—Office, 126 Cypress St., Abilene.
*Receiver W. G. Swenson..... Abilene
Pres. Ed. S. Hughes..... "
V. Pres. Geo. L. Paxton..... "
Sec. T. P. Scott..... "
Treas. W. A. Keeble..... "
Supt. D. Coker..... "
Purchases energy from Abilene Gas & Elec. Co., 3 ph. 60 cys.
Repair shops at Second and Dall Sts.
4.75 miles; 4-8½ g; 4 motor cars. ★18

AMARILLO. 9,957.

1081—Amarillo St. Ry. Co.—Office, 520 Taylor St., Amarillo. (Operates within the city limits and its immediate suburbs.) (City Commission has passed an ordinance providing that the city shall take over this property for operation under municipal ownership.)
Purchases energy from City Light & Water Co., 1 d. c. G. E. 150 kw; 300 hp. b. Keeler; 150 kw. stm. turb. Atlas; trolley volt. 550 v.
Repair shops, 4th and Polk Sts., Amarillo.
Reaches Glenwood Elec. Park.
8.217 miles; 4-8½ g; 6 motor and 3 other cars. (In Oct. 1917, operation was suspended.) ★18j

AUSTIN. 45,763 (Est. 1914)

1082—Austin Street Ry. Co.—Office, Scarbrough Bldg., Austin.
*Pres. & Gen. Mgr. W. J. Jones...Austin
V. Pres. F. H. Watriss
1 E. 60th St., New York, N. Y.
Sec. & Supt. Claims D. A. Bush...Austin
Treas. E. P. Wilmot..... "
Asst. Sec. Guy P. Gannett, Augusta, Me.
Asst. Treas. Geo. E. Macomber " "
Supt. Transpt. Chas. Ing.....Austin
Asst. Supt. Transpt. Geo. Milton.. "
Ch. Engr. Pwr. Sta. H. Odell..... "
Elec. Engr. Julius Eggling..... "
M. M., Walter Fink..... "
Supt. M. of W., W. H. Burdett.... "
Power sta. equip. 3 d. c. G. E, West. tot. 1350 kw; 770 hp. e. McI. & S, Rankin, Fitch; 875 hp. b. Bab. & W; 750 kw. stm. turb. West; trans. and trolley volt. 550 v.
Power sta. and repair shop at Pressler St.
22 miles; 4-8½ g; 46 motor and 2 work cars. ★127

BEAUMONT. 20,640.

1083—Beaumont Traction Co.—Office, Terminal Bldg., Beaumont. (Securities owned by the Eastern Texas Elec. Co. which see for general officers.)
Mgr. Alfred F. Townsend.....Beaumont
Supt. W. V. Neal..... "
M. M., L. E. Pritchett..... "
Car house, 796 Irving Ave.
13.5 miles; 4-8½ g; 31 motor cars. 127

1084—Eastern Texas Elec. Co.—(Owns the securities of the Beaumont Elec. Lt. & Pwr. Co., Port Arthur Lt. & Pwr. Co. and Port Arthur Ice & Refrigerating Co., which do the entire electric lighting and power business in Beaumont, and the entire electric lighting and power business and an ice manufacturing and refrigerating business in Port Arthur. Owns the securities of the Jefferson County Traction Co., an interurban electric railway operating between Beaumont and Port Arthur, a distance of about 20 miles; also owns the securities of the Beaumont Traction Co., which does the entire electric railway business in Beaumont.)
Pres. Marshall M. Phinney
Boston, Mass.
V. Pres. Guy L. Weymouth " "
Sec. Hollis T. Gleason.... " "
Treas. Henry B. Sawyer... " "
Gen Mgrs. Stone & Webster
147 Milk St., Boston, Mass.
Dist. Mgr. Luke C. Bradley.....Houston
Mgr. Oper. Cos.
Alfred F. Townsend.....Beaumont
Local Pur. & Cl. Agt.
E. J. Davis..... "
Supt. Ltg. W. I. Sturtevant.... "
Supt. Ry. W. V. Neal..... "
BEAUMONT PWR. ST.—3 a. c. West. tot. 3000 kw. 2300 v. 3 ph. 60 cys; 1 d. c. West. 300 kw. 500 v; 4 mo-gen. West. Tri. tot. 500 kw. 125 v; 3 mo-gen. G. E. tot. 1100 kw. 600 & 1200 v; 475 hp. e. Cor; 4001 kw. stm. turb. West; 2200 hp. b. Stir, Bab. & W.
PORT ARTHUR PWR. STA., No. 1—3 a. c. turbo-gen. G. E, West. tot. 1800 kw. 2300 v. 2 ph. 60 cys; 3 mo-gen. tot. 700 kw; 1500 hp. b. Stir, Bab. & W.
PORT ARTHUR PWR. STA., No. 2—1 a. c. turbo-gen. Allis-C, 4000 kw. 2300 v. 3 ph. 60 cys; 1200 hp. b. Bab & W.
Power stas. at Beaumont and Port Arthur, tot. cap. 9100 kw; car barn and repair shops at Beaumont.
Companies controlled operate 31.83 miles of track; rolling stock equip. — 35 motor pass. cars, 4 trail and 4 other cars. ★127

BROWNSVILLE. 13,700 (1914).

1085—Brownsville Street & Interurban Railroad Co.—Office, 1101 Elizabeth St.
Pres. Jas. A. Browne.....Brownsville
*V. Pres., Sec., Audr. & Gen. Mgr. D. A. O'Brien... "
Treas A. W. Wood..... "
Purchases energy from Brownsville Elec. Lt. & Wtr. Wks.
3.2 miles; 4-8½ g; 1 car. 67

BRYAN. 4,122.

1086—Bryan & Central Texas Interurban Ry. Co.—Office, Bryan. (Connects Bryan, Stone City, Pittsbridge, Grant, Whitaker and Wilcox.)
Receiver, J. W. Green.....Bryan
Pres. W. E. Saunders..... "
V. Pres. A. W. Wilkerson..... "
Mgr. for Recv. & Ch. Engr., L. M. Levinson..... "
Audr. & Sec. E. Loftin..... "
27.2 miles; 4-8½ g; 2 gasoline motor cars, 5 steam and 3 other cars. (Operates by steam for freight service.) ★127

1087—Bryan & College Interurban Ry. Co.—Office, Bryan. (Connects Bryan, Hill Crest, Union Hill and College Station.)
Pres. S. S. Hunter.....Shreveport, La.
V. Pres. W. E. Saunders.....Bryan
*Sec., Gen. Mgr. & Pur. Agt. L. M. Levinson..... "
Treas. A. W. Wilkerson..... "
Audr. E. Loftin..... "
Supt. & Ch. Engr. Pwr. Sta. Geo. Barron..... "
Gen. Fgt. & Pass. Agt. W. J. Hunter..... "
M. M.. Albert May..... "
Roadmaster, Wm. O'Dea..... "
Power sta. equip. 1 d. c. G. E. 150 kw; 200 hp. e. (gas) F. M. & Co.; trolley volt. 600 v.
Pwr. sta. and repair shops at Bryan.
Owns and reaches Dellwood Park.
7.75 miles; 4-8½ g; 3 motor and 3 other cars. ★127

CORPUS CHRISTI. 8,222.

1089—Corpus Christi Ry. & Lt. Co.—Office, 410 Starr St., Corpus Christi. (Successor to Corpus Christi St. & Interurban Ry. Co.)
Pres. John Gribbel.....Philadelphia, Pa.
1st V. Pres. John J. Henderson.... " "
*2d V. Pres. & Gen. Mgr. W. J. O'Brien.....Corpus Christi
Sec. & Treas. E. A. Born.. "
Audr. E. H. Eldridge..... "
Supt. Transp. W. E. Lilly..... "
Supt. Mot. Pwr. E. F. Gibbon..... "
M. M., H. E. Draper..... "
Power sta. equip. 2 d.c. G.E. tot. 375 kw; 5 a. c. G. E., Ft. W, West. tot. 920 kw. 2300 v. 2 ph. 60 cys; 1600 hp. e. Diesel, Bckye, Cor; 1200 hp. b. Sterling, Mur. Buckeye; trans. volt. 2300 v; trolley volt. 600 v.
Power stas., Railroad Ave. & Black St., and Laguna & Water Sts.; repair shops, Tiger and Hughes Sts., Corpus Christi.
10 miles; 4-8½ g; 15 motor and 2 other cars. (Co. does a general lighting and power business.) ★127

CORSICANA. 9,749.

(See No. 1097.)

DALLAS. 92,104.

(See also No. 1116.)

1090—The Dallas Ry. Co.—Office, Interurban Bldg. (Has taken over the

properties of Dallas Consolidated Elec. St. Ry., Metropolitan Elec. St. Ry. and Rapid Transit Ry. Co)
Pres. J. F. Strickland.....Dallas
Sec. & Treas. J. B. Walker..... "
Audr. L. W. Richards..... "
*Gen. Mgr. Richard Meriwether... "
Asst. to Gen. Mgr. H. B Fisher... "
Supt. Transpt. Geo. I. Plummer Elm & Peak Sts., "
Claim Agt. G. P. Reddick..... "
Elec. Engr. J. A. Hughes..... "
Engr. Maint. of Way & Overhead Constr. B. R. Brown..... "
M. M., J. L. Brown Elm & Peak Sts., "
Energy purchased from Dallas Elec. Lt. & Pwr. Co.; trolley volt. 600 v.
Repair shop, Elm & Peak Sts.
Reaches State Fair Grounds.
86 miles; 4-8½ g; 257 motor pass. cars, 7 trail pass. cars and 5 other motor cars. ★127

1091 — Dallas Standard Traction Co.—Office, 1004 Commerce St., Dallas. (Connects Dallas and Mt. Auburn.)
Pres. & Gen. Mgr. J. Howard Power..Dallas
V. Pres. & Audr. M. M. Thompson "
*Sec., Treas., Claim & Pur. Agt. F. B. Dunlap..... "
Supt. J. E. Farr..... "
Ch. Engr. & Engr. M. of W., O. A. Teal..... "
Rents equipment from The Dallas Ry. Co. and purchases energy from Dallas Elec. Lt. & Pwr. Co.
1.25 miles; 4-8½ g. 127

1093—Dallas Street Ry. Co.—Office. 500 First Bank Bldg., Dallas.
Pres. J. H. Miller.....Waxahachie
V. Pres. A. C. Moser.....Dallas
*Sec., Treas., Gen. Mgr. & Pur. Agt. G. W. Works..... "
Rents equipment and purchases energy from The Dallas Ry. Co.
1.125 miles. 127

1097—Texas Electric Ry. — Office, 7th Floor, Interurban Bldg. (Owns and operates the properties formerly comprising the Texas Trac. Co. and the Southern Trac. Co. Operates elec. inter. ry. system between Dallas and Denison, Dallas and Waco and Dallas and Corsicana, comprising 244.27 miles of track (of which 9.98 miles being entrance into Dallas, is leased), also local st. ry. systems in Denison, Sherman, McKinney, Corsicana, Waxahachie and Waco, consisting of 33.65 miles of track. Enters Dallas over tracks of The Dallas Ry. Co. under trackage contract. Northern terminus: Denison, Grayson County; Southern termini: Waco, McLennan County, and Corsicana, Navarro County.)
Pres. J. F. Strickland.....Dallas
V. Pres. & Gen. Mgr. Burr Martin.. "
Sec. & Gen. Pass. Agt. Jas. P. Griffin..... "
*Asst. Sec. J. C. Thompson..... "
Treas. & Gen. Claim Agt. H. I. Gahagan..... "
Audr. J. A. Wright..... "
Supts. { No. Div. M. J. Loftus..Sherman
Transp. { So. Div. H. G. Floyd....Dallas
Supt. Sub. Stas. H. L. Ingram..... "
Pur. Engr. A. D. Brinkerhoff..... "
Master { J. E. Caple.....Waco
Mechs. { J. L. Bogue.....Woodlake
Engr. M. of W., J. L. Adams.....Dallas
Roadmaster J. J. Stanley.....Waco
Supts. { No. Div. W. Dowd....McKinney
Lines { So. Div. F. L. Abernathy..Dallas
Energy purchased from Texas Pwr. & Lt. Co; trans 33 000 v; trolley volt. 1200-600 v. single trolley catenary suspension.
Repair shops, Monroe, Waco and Woodlake; 14 sub-stas. including 2 portables.
Reaches Glendale (Waco Div.), Kirkland and Woodlake Parks (Denison Div.)
276 92 miles (266.94 owned); 4-8½ g; 174 cars: interurban, 39 pass. motor cars, 23 other pass. cars, 10 exp. & bagg. motor and 4 trailers and 48 other cars: city, 56 motor cars. Owns valuable terminals at Denison, Corsicana and Waco and express terminals in Dallas. ★127

DENISON. 14,779.

(See No. 1097.)

DENTON. 4,782.

1099 — Denton Traction Co.
*Gen. Mgr & Pur. Agt. R. J. Wilson..... .....Denton
Power sta. equip. 1 d. c. Allis C. 100 kw; 240 hp. e. Ideal.
Reaches Highland Park and The College of Industrial Arts.
4.5 miles; 4 cars. 67

EL PASO. 39,279.

1100—El Paso Elec. Ry. Co.—General office, 147 Milk St., Boston, Mass; local office Martin Bldg. (Controls and operates El Paso & Juarez Trac. Co.; operates in El Paso and a line to Juarez, Mex.) (Securities owned by the El Paso Elec. Co.)
Pres. Marshall M. Phinney } 147 Milk St.,
V. Pres. Guy L. Weymouth } Boston, Mass.
Sec. Chester M. Clark..... "
Treas. Henry B. Sawyer..... "
Gen. Mgrs. Stone & Webster "
Dist. Mgr. Luke C. Bradley.....Houston
Local Mgr. H. S. Potter.....El Paso
Claim Agt. Alves Dixon..... "
Pur. Agt. H. R. Johnson..... "
Elec. Engr. J. B. White..... "
Supt. W. E. Wood..... "
Ch. Engr. Pwr. Sta. C. L. Learmonth..... "
M. M.. J. T. Porter..... "
Power sta. equip. 1 d. c. West. 200 kw; 7 a. c. G. E. Allis C, West tot. 10.440 kw. 2300 v. 2 ph. 60 cys; 6615 hp. b. Bab. & W. Stir, A & T; 10.500 kw. turb. (stm.) West, Allis-C; 804 hp. e. Ridg; trans. volt. 22,000 v; trolley volt. 600 v.
Power sta. Santa Fe & 4th Sts.; repair shop, Cotton Ave. & San Antonio St.
Reaches Washington Park
38.91 miles; 4-8½ g: 62 motor pass. cars, 6 trail pass. cars and 3 other motor cars. (Company does general ltg. & pwr. business.) ★18

1101—Rio Grande Valley Traction Co.—Office, 147 Milk St., Boston, Mass. (Connects El Paso and Ysleta.) (Controlled by same interests as the El Paso Elec. Ry. Co.)
Pres. M. M. Phinney.....Boston, Mass.
Treas. C. M. Clark..... "
Gen. Mgrs. Stone & Webster..... "
Dist. Mgr. Luke C Bradley 1111 Scanlan Bldg., Houston
Local Mgr. H. S. Potter.....El Paso
Supt. W. E. Wood..... "
Claim Agent Alves Dixon..... "
Gen. Fgt. & Pass. Agt. N. E. Shannon..... "
Pur. Agt. H. R. Johnson..... "
Elec. Engr. & Engr. Ovhd. Constr. J. B. White..... "
M. M., J. T. Porter..... "
Energy purchased from El Paso Elec. Ry Co.; 1 mo-gen. West. 300 kw. 2200 v; trans. volt. 23 000 v; trolley volt. 600 v.
Sub. sta. at West Ysleta and repair shops at Myrtle & Cotton Aves.
Reaches Washington Park.
9.34 miles; 4-8½ g; 4 motor pass. cars and 1 other motor car; 1 other car. ★18

1102—El Paso Electric Co.—Office, 147 Milk St., Boston, Mass. (Owns the securities of El Paso Electric Ry. Co., El Paso & Juarez Traction Co. and Rio Grande Valley Traction Co. which companies do the entire electric railway, electric lighting and power business in El Paso, Tex., and Juarez, Mexico, and operate an electric railway between El Paso and Ysleta).

Pres. Marshall M. Phinney } 147 Milk St.,
V. Prest. Joseph Remick } Boston, Mass
Sec. Hollis T. Gleason... "
Treas. Henry B. Sawyer.. "
Gen. Mgrs. Stone & Webster.. "
Dist. Mgr. Luke C. Bradley.....Houston
Mgr. Oper. Cos., H. S. Potter.....El Paso

Companies controlled operate 48.7 miles of track; rolling stock equip.—66 motor cars, 12 trailers and 6 other cars. 18

FORT WORTH. 73,312.

1103—Northern Texas Trac. Co.—Office, 400 Main St. (Operates in Ft. Worth; also an interurban line connecting Ft. Worth, Handley, Arlington, Grand Prairie and Dallas.) (Controlled by Northern Texas Elec. Co.)

Pres. Marshall M. Phinney
147 Milk St., Boston, Mass.
V. Pres. & Local Mgr.
Geo. H. Clifford.....Ft. Worth
Sec. Hollis T. Gleason.....Boston, Mass.
Treas. Henry B. Sawyer.... "
Andr. A. R. Patterson..... "
Gen. Mgrs. Stone & Webster.. "
Dist. Mgr. Luke C. Bradley.....Houston
Gen. Supt. V. W. Berry.....Ft. Worth
Claim Agt. K. M. Watson..... "
Gen. Pass. Agt. H. Tully Bostick "
Pur. Agt. H. H. Slater..... "
Elec. Engr. J. B. Ledlie..... "
Engr. Pwr. Sta. E. L. White.....Handley
M. M. Theo. Taylor.....Ft. Worth
Roadmaster W. L. Hunter.....Handley

Power sta. equipt. 4 a. c. West. Allis C. tot. 2800 kw. 390 v. 3 ph. 25 cys; 4200 hp. e. Cpr. H. O. & R; 5320 hp. b. Bab. & W; 3000 kva. turb. (stm) West; trans. volt. 15,000 v; trolley volt. 600 v.

Power sta. Handley; repair shops at Ft. Worth and Handley.

Reaches Lake Erie Park, (owned) Handley.

113.61 miles; 4-8½ g; 173 motor pass. cars, 17 trail pass. cars and 12 other motor cars; 3 other cars. (Does lighting and power business in Handley and Grand Prairie.) ★127

1104 — Tarrant County Traction Co.—Office, 400 Main St. (Successor to Fort Worth Southern Trac. Co.) (Controlled by the Northern Texas Elec. Co.) (Connects Fort Worth, Burleson and Cleburne.)

Pres. Marshall M. Phinney, 147 Milk St., Boston, Mass.
Sec. Hollis T. Gleason..... "
Treas. Henry B. Sawyer.... "
Gen. Mgrs. Stone & Webster "
Dist. Mgr. Luke C. Bradley.....Houston
Local Mgr. Geo. H. Clifford.....Ft. Worth
Gen. Supt. V. W. Berry..... "
Claim Agt. K. M. Watson..... "
Gen. Pass. Agt
H. Tully Bostick..... "
Pur. Agt. H. H. Slater..... "
Elect. Engr. J. B. Ledlie..... "
Roadmaster, W. L. Hunter..... Handley

Purchases energy from Northern Texas Trac. Co.; trans. volt. 15,000 v; trolley volt. 600 v.

Repair shops at Ft. Worth.

29.52 miles; 4-8½ g; 6 motor cars, 1 other car. (Does lighting and power business at Burleson and Everman.) ★127

1105—Northern Texas Elec. Co.—Office, 400 Main St. (Owns securities of Northern Texas Trac. Co. and capital stock of the Tarrant County Traction Co. (formerly Fort Worth Southern Traction Co.) and the Arlington Lt. & Pwr. Co. These companies do the entire electric railway business in Ft. Worth, operate interurban electric railways between Ft. Worth and Dallas (35 miles) and between Ft. Worth and Cleburne (31 miles), and do the electric light and power and ice and water business in Arlington.)

Pres. Marshall M. Phinney
147 Milk St., Boston, Mass.
V. Pres. G. L. Weymouth.. "
Sec. Hollis T. Gleason..... "
Treas. Henry B. Sawyer... "
Gen. Mgrs. Stone & Webster
147 Milk St., "
Dist. Mgr. Luke C. Bradley.....Houston
Mgr. Oper. Cos.
George H. Clifford.....Ft. Worth 27

GALVESTON. 36,981.

1106—Galveston Electric Co.—Office Ave. I & 21st St. (Operates entire electric railway and a portion of the electric lighting and power business in Galveston.) (Controlled by Galveston-Houston Elec. Co.)

Pres. Marshall M. Phinney.. } 147 Milk
V. Prests. } E. Wadsworth... } St., Boston,
Wilbur A. Carter } Mass.
Sec. Chester M. Clark..... "
Treas. H. B. Sawyer..... "
Asst. Treas. W. B. Gibson.....Galveston
Gen. Mgrs. Stone & Webster, Boston, Mass.
Dist. Mgr. Luke C. Bradley.....Houston
Mgr. Alba H. Warren.....Galveston
Claim Agt. Geo. F. Pierce..... "
Supt. Transpt. Chas. S. McLinn "
M. M., M. B. Osborne..... "
Roadmaster, Geo. McMullan.... "
Engr. Overhead Constr.
Henry Manztel..... "

Power sta. equip. 3 d. c. tot. 950 kw; 4 a. c. ——— tot. 1195 kw. 2300 v. 2 ph. 60 cys; 2418 hp. e; 1444 hp. b. Bab. & W; trans. volt. 33,000-2300 v; trolley volt. 550 v.

Power sta. and repair shop at Galveston. Also purchases energy from Galveston-Houston Elec. Ry. Co.

38.72 miles; 4-5½ g; 80 pass. motor and 5 other cars. ★117

1107 — Galveston - Houston Elec. Ry. Co.—(Company has rights of entrance into Galveston over tracks of the Galveston Elec. Co., and into Houston over tracks of the Houston Elec. Co.) (Connects Galveston and Houston.) (Controlled by the Galveston-Houston Elec. Co.)

Pres. Marshall M. Phinney,
147 Milk St., Boston, Mass.
V. Pres. & Dist. Mgr.,
Luke C. Bradley.....Houston
Sec. Chester M. Clark.....Boston, Mass.
Treas. Henry B. Sawyer.... "
Asst. Treas. H. L. Harding.....Houston
Gen. Mgrs. Stone & Webster, Boston, Mass.
Gen. Supt. H. B. Sewell.....Houston
Local Mgr. David Daly..... "
Claim Agt. C. B. Fisher.....Dallas
Gen. Pass. Agt. Rex. D. Frazier... "
Pur. Agt. A. T. Kunz..... "
M. M. F. J. Bennett.....Houston

Power sta. equip. 7 d. c. G. E. tot. 2100 kw; 2 a. c. G. E. tot. 3000 kw. 2300 v. 3 ph. 60 cys; 1560 hp. b. Bab. & W; 3000 kw. stm. turb G. E; trans volt. 33,000 v; trolley volt. 600 v.

Power sta. at Webster; repair shops at Houston.

50 miles; 12 motor and 14 other cars. ★117

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1108—Galveston-Houston Elec. Co.—Owns the capital stock of the Galveston Elec. Co. and Houston Elec. Co., which companies do the entire electric railway and a portion of the electric lighting and power business in Galveston, and the entire electric railway business in Houston. Also owns capital stock of Galveston-Houston Elec. Ry. Co., an interurban electric railway operating between the cities of Galveston and Houston (50 miles).
Pres. Marshall M. Phinney..147 Milk St., Boston, Mass.
V. Pres. G. L. Weymouth... "
Sec. Hollis T. Gleason..... "
Treas. Henry B. Sawyer.... "
Gen. Mgrs. Stone & Webster "
Dist. Mgr. Luke C. Bradley.....Houston 27

GREENVILLE. 12,500 (1912).

1109—Greenville Ry. & Lt. Co.—Office, Greenville. (Connects Greenville and Peniel.) (Operated by Albert Emanuel Co., New York, N. Y.)
Pres. Albert Emanuel 61 B'way, New York, N. Y.
1st V. Pres. W. B. Wise.....Greenville
2d V. Pres. F. J. Phillips..... "
Sec. & Treas. W. F. Breidenbach 61 B'way, New York, N. Y.
Gen. Mgr. R. L. Easter.....Greenville
Asst. Sec. H. L. Warren..... "
Energy purchased from City; trolley volt. 600 v.
Repair shop, Greenville.
Owns parks in Greenville.
7 miles; 4-8½ g; 7 motor cars. ✱18†

1110—Mineral Heights St. Ry. Co.—Office, Greenville. (Successor to Wesley College Line.) (Extends from Mineral Heights to city of Greenville; has operating right of way over about ¼ mile of Greenville Ry. & Lt. Co.'s track to business centre of Greenville.)
Pres. J. A. Phillips.....Greenville
V. Pres. & Gen. Mgr. W. T. Wright..... "
*Sec. & Treas. J. M. Massay... "
Purchases energy from Greenville Ry. & Lt. Co.
2.5 miles; 4-8½ g; 2 motor pass. cars and 2 trail pass. cars. ✱127

HOUSTON. 117,447. (1917.)

1111—Houston Elec. Co.—Office, 106 Texas Ave. (Operates the entire system of street railways of Houston, which includes Westmoreland R. R. Co. Connects Brunner, Harrisburg and Houston Heights with Houston.) (Controlled by Galveston-Houston Elec. Co.)
Pres. M. M. Phinney 147 Milk St., Boston, Mass.
V. Pres. & Dist. Mgr. Luke C. Bradley.....Houston
Sec. Hollis T. Gleason... } 147 Milk St.
Treas. H. B. Sawyer..... } Boston, Mass.
Asst. Treas. H. L. Harding.....Houston
Gen. Mgrs. Stone & Webster.....Boston, Mass.
Local Mgr. David Daly.....Houston
Supt. Transp. H. B. Sewall..... "
Pur. Agt. A. T. Kunz..... "
Claim Agt. Bert Gray..... "
Ch. Engr. J. F. Usener..... "
Engr. of Way, C. R. Brewster..... "
M. M. F. J. Bennett..... "
Power sta. equip. 3 d. c. G. E, C-W, tot. 2100 kw; 3220 hp. e. Ham, Cor; 2260 hp. b. Bab. & W; trolley volt. 600 v.
Power sta. at cor. Commerce and La Branch Sts.; repair shop, Houston. Sub-sta. at Pierce Ave; equip. 2—500 kw. motor-gen. sets; trans. volt. 33,000-2300 v. trolley volt. 600 v.
76.648 miles; 4-8½ g; 160 motor pass. cars and 33 other cars. ★127

1112—Westmoreland R. R. Co.—Office, Houston. (Operated by Houston Elec. Co.) (Connects Houston and Bellaire.)
*Pres. W. W. Baldwin....Burlington, Ia.
Sec. & Treas. Max Eggert " "
Gen. Mgrs. Stone & Webster.....Boston, Mass.
4 miles; 4-8½ g. 18

LAREDO. 14,855.

1113—Laredo Elec. & Ry. Co.—Office, Farragut St., Laredo. (Operates in Laredo and interurban line connecting Laredo and Nuevo Laredo, Mex.)
Pres. R. W. Morrison.. } Chemical Bldg.,
V. Pres. W. S. McCall.. } St. Louis, Mo.
Sec. H. E. Ellsworth,.....San Antonio
Treas. & Audr. E. H. Gorse Chemical Bldg., St. Louis, Mo.
Gen. Mgr. J. B. Morton.....Laredo
*Pur. Agt. Morrison & McCall Chemical Bldg., St. Louis, Mo.
Ch. Engr. H. R. Mason.....Laredo
M. M., F. F. Wright..... "
Engr. M. of W., Jose Campos..... "
Engr. Ovhd. Constr. Ben Hernandez..... "
Power sta. equip 3 d. c. West., Allis-C. tot. 260 kw; 5 a.c. G. E, West. W. E., C. W., Allis-C. tot. 1350 kw. 2300 v. 3 ph. 60 cys; 1775 hp. e. Allis-C, West., Ham, Cor. Rath, Erie, Ball; 1100 hp. b. Keeler, Heine; trans. volt. 6600 v; trolley volt. 550 v.
Power sta. and repair shop at Laredo, 4.9 miles; 4-8½ g; 8 motor and 3 other cars. (Company does general ltg. & pwr. business.) 57

LONGVIEW. 5,155.

1114—Longview & Junction Ry.—(Connects Longview and Longview Junction.)
Pres. Mrs. C. A. Foster.....Longview
V. Pres. R. B. Levy.....Texarkana
Sec. & Treas. Mrs. Mary K. Mottley Longview
Audr. W. B. McNaughton..... "
*Mgr. & Pur. Agt. T. G. Clauson..... "
M. M. W. M. Scroggins..... "
1 mile; 4-8½ g; 3 cars. 127†

MARSHALL. 14,000 (1915).

1115—Marshall Trac. Co.—Office, 301 No. Washington Ave. (Controlled through stock ownership by American Public Service Co., 49 Wall St., New York, N. Y.)
*Pres. C. H. Nandell.....Marshall
V. Pres. & Gen. Mgr. A. Hardgraves .....Dallas
Sec. E. S. Fry.....Marshall
Audr. J. M. Dickie.....Abilene
Supt. P. Campbell .....Marshall
Pur. Agt. J. E. Meadows.....Abilene
Ch. Engr. R. L. Evans.....Marshall
Engr. Ovhd. Constr. H. M. Long "
Energy purchased from Marshall Elec. Co.; 1 d. c. C-W. 125 kw; trolley volt. 550 v.
Repair shop W. Houston Ave.
Reaches Caven Park (owned by city).
4.5 miles; 4-8½ g; 6 motor pass. cars. ★127

McKINNEY. 4,714.
(See No. 1097.)

PARIS. 15,000.

1116—Paris Transit Co.—Gen. Office, 1320 Commerce St., Dallas; operating office, Paris. (Controlled by the Southwestern Pwr. & Lt. Co., which is in turn controlled by Southwestern Utilities Corpn.)
Pres. H. L. Baker.....Paris
V. Pres. C. E. Calder.....Dallas
Gen. Mgr. Walter N. Monroe.....Paris

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Sec. & Treas. J. C. Thompson....Dallas
Purchases energy from Texas Power & Lt. Co; trans. volt. 2300 v; trolley volt. 500 v.
5.5 miles; 4-8½ g; 8 motor cars and 1 other car. 127

PORT ARTHUR. 20,000 (est. 1917).

1117—Pier Ry.Co.—Office,1001Schwind Bldg., Dayton, Ohio. (Operated under agreement by Port Arthur Trac. Co.)
Pres. & Gen. Mgr. C.H. Bosler..Dayton,O.
V. Pres., Supt. & Pur. Agt.
H. M. Smith.....Port Arthur
Sec. E. C. Hanley .....Dayton, O.
Treas. S. Rufus Jones..... "
Audr. A. R. Ferris.....Port Arthur
M. M. H. E. Johns..... "
Purchases energy from Port Arthur Lt. & Pwr. Co.; trans. and trolley volt. 600 v.
Repair shops, 7th & Houston Aves.
Reaches Pleasure Pier.
1 mile; 4-8½ g; 4 motor cars. 127

1118—Port Arthur Trac. Co.—Local office, 7th and Houston Aves.; Main office, 1001 Schwind Bldg., Dayton, O. (Operates in Port Arthur; also P'er Ry. Co.)
Pres. & Gen. Mgr. Chas. H. Bosler
1001 Schwind Bldg., Dayton, O.
V. Pres. C. W. Dale
503 Reibold Bldg., "
Sec. S. M. Krohn
702 Commercial Bldg., "
Treas. —— —— ....., —— ——
*Audr. A. R. Ferris.....Port Arthur
Supt. & Pur. Agt. H. M. Smith "
Purchases energy; repair shops, 7th and Houston Aves.
7 miles; 4-8½ g; 13 motor and 8 trail cars. ★127

SAN ANTONIO. 96,614.

1120—San Antonio, San Jose & Medina Valley Interurban Ry.—Office, 107 Ave. D. (Connects San Antonio and San Jose.)
Pres. & Gen. Mgr. A. D. Powers,
San Antonio
V. Pres. E. O. Burton..... "
Sec. C. A. Newton..... "
Purchases energy from San Antonio Public Service Co.
Reaches Swimming Pool and Public Bath House.
5 miles; 4 g; 3 cars. (Operating automobiles; electric car service temporarily discontinued.) ★18†

1121—San Antonio Public Service Co.—Office, 305 E. Houston St. (In 1917 acquired the properties of San Antonio Traction Co. and the San Antonio Gas & Elec. Co.) (Controlled by American Lt. & Trac. Co.)
Pres. Emerson McMillin,
120 B'way, New York, N. Y.
1st V. Pres. & Gen. Mgr.
W. B. Tuttle.....San Antonio
2d V. Pres. A. P. Lathrop.New York, N.Y.
Sec. & Treas. R. C. Jones....San Antonio
Asst. Sec. C. N. Jelliffe...New York, N.Y.
*Audr. Perry L. King.....San Antonio
Claim Agt. Fred. J. Johnston "
Pur. Agt. Howard Henson... "
Actg. Supt. Transp.
T. J. Owings..... "
Consult. Engr. H. C. Abell,
New York, N. Y.
Supt. M. of W., A. M. Courtney
San Antonio
Supt. Overhead
Geo. H. Cushman..... "
Elecl. Engr. G. W. Smith.... "
Ch. Engr. Pwr. Sta. E. E. Hesse "
Actg. M. M., S. E. Mason... "
Energy from power dept; trolley volt. 550 v.
Repair shop opp. San Pedro Springs Park.
90.1 miles; 4 g; 150 motor pass. cars, 40 trail pass. cars and 8 other motor cars; 30 other cars. (Co. does general ltg. & pwr. business.) ★127

TEMPLE. 10,993.

1122—Southwestern Traction Co.—Office,Temple, Tex., Box 315. (On Dec. 19, 1917, property was sold at public auction, under order issued by United States District Court, to F. F. Downs, Temple.) (Connects Belton and Temple.)
*Recvr., Gen. Mgr. & Pur. Agt.
W. G. Haag..... ..Temple
Pres. A. F. Bentley..... "
1st V. Pres. C. M. Simpson..... "
2nd V. Pres. E. C. Gosth.....Austin
Sec. E. F. Zarr.....Temple
Treas. P. L. Downs.....Waco
Claim Agt. G. M. Felts.....Belton
M. M. & Engr. Ovhd. Constr.
W. C. Foore.....Temple
Power sta. equip. 2 d. c. Stan. tot. 300 kw; 400 hp. e. Bates; 450 hp. b. Keeler; also purchases energy; trolley volt. 575 v.
Power sta. and repair shop Midway.
Owns Bell County Fair Grounds; reaches Lake Polk Park.
15 miles; 4-8½ g; 11 motor and 11 other cars. ★18

TEXARKANA. 9,790.
(See No. 31.)

TEXAS CITY. 5,500. (1911)

1123—Texas City St. Ry. Co.—Office, Texas City. (Operates within city limits only. Through medium of gasoline motor cars, connection is made with Galveston-Houston Elec. Co. at Texas City Junction for Houston and Galveston and intermediate points. Also connects with ferry lines between Texas City and Galveston.)
Pres. A. B. Wolvin.....Texas City
Sec. Harvey A. Thomas..... "
Mgr. & Pur. Agt.
R. M. Orth..... "
Purchases energy from Texas City Transportation Co.; trans. volt. 2300 v; trolley volt. 550 v.
4 miles; 4-8½ g; 2 motor and 2 other cars. ★127

TYLER. 10,400.

1124—Tyler Traction Co.—Office, 214 West Irwin St. (Successor to Tyler City Lt. & Ry. Co.)
Pres. F. C. Cotten
1320 No. Houston St., Ft. Worth
V. Pres. & Gen. Mgr.
Daniel Hewitt .....Cleburne
*Sec., Treas. & Supt. E. M. Bass....Tyler
M. M., Tom Bushon..... "
Purchases energy from Texas Pwr. & Lt. Co.
8 miles; 4-8½ g; 10 motors cars. 56

WACO. 26,425.
(See No. 1097.)

WAXAHACHIE. 6,205.
(See No. 1097.)

WICHITA FALLS. 8,200.

1126—Wichita Falls Trac. Co.—Office, 507-9 Kemp & Kell Bldg., Wichita Falls.
Pres. J. A. Kemp..... } Wichita
V. Pres. Frank Kell..... } Falls
*Sec. & Treas. J. C. Mytinger..... "
Gen. Mgr. F. N. Lawton..... "
Energy purchased from Wichita Falls Elec. Co.; trolley volt. 500 v; repair shops, 1905 Ninth St.
Owns and reaches Lake Wichita.
10.3 miles; 4-8½ g; 17 motor and 6 other cars. 67

UTAH.

BRIGHAM. 3,685.
(See No. 1127.)

LOGAN. 7,522.
(See No. 1127.)

OGDEN. 25,580.

1127—Utah-Idaho Central R. R. Co.—Office, Eccles Bldg. (Successor to Ogden, Logan & Idaho Ry. Co., which had acquired the Ogden Rapid Transit Co. and the Logan Rapid Transit Co.) (Extends from Ogden to Hermitage, Idlewild, Huntsville, Plain City, Willard, Brigham, Calls Fort, Honeyville, Deweyville, Collingston, Mendon, Hyrum, Millville, Providence, Logan, Greenville, Hyde Park, Smithfield, Richmond and Lewiston, Utah, and Fairview, Whitney and Preston, Idaho; includes all city lines in Ogden, Brigham and Logan. Connection is made with the Bamberger Elec. R. R. Co.)

Pres. M. S. Browning.....Ogden
1st V. Pres. L. R. Eccles..... "
2d V. Pres. Joseph Scowcroft..... "
Sec. & Asst. Treas. Royal Eccles... "
Treas. R. B. Porter..... "
Audr. P. H. Mulcahy..... "
Cashier, E. H. Chambers..... "
*Gen. Mgr. & Pur. Agt.
W. A. Whitney..... "
Trainmaster, W. S. Law..... "
Claim Agt. P. W. Jarvis..... "
Traffic Mgr. J. W. Ellingson..... "
Ch. Engr. & Engr. Ovhd. Constr.
R. W. Armstrong..... "
Elec. Engr. G. W. Shaver..... "

Purchases energy from Utah Pwr. & Lt. Co; 5 d. c. G. E., W. E. tot. 2300 kw; trans. volt. 45,000 v; trolley volt. 750-1500 v.

Sub-stas., Ogden, Smithfield, Hot Springs and Deweyville; repair shops, Ogden and Preston, Idaho.

Reaches Glenwood Park, Hermitage and Idlewild.

166.4 miles (d. c. & catenary); 4-8½ g; 58 motor and 94 other cars; 5 elec. locos. (9 miles of track under construction from Kent, South.) ★127†

PROVO. 8,925.
(See No. 1130.)

SALT LAKE CITY. 110,000 (Est. 1914).

1128—Salt Lake, Garfield & Western Ry. Co.—Office, Salt Lake City. (Operates by steam and extends from Salt Lake City to Great Salt Lake and Saltair Beach, a distance of 15 miles; electrification of system is in course of construction and line will be extended to Garfield making a total route mileage of 20.)

*Pres. & Gen. Mgr.
Joseph Nelson.....Salt Lake City
V. Pres. Arthur Winter,.. " " "
Sec. & Asst. Treas.
Joel Richards..... " " "
Treas. O. C. Beebe..... " " "
Consltg. Engr.
H. A. Strauss.....Chicago, Ill.

Will purchase energy from Utah Power & Light Co., trans. volt. 44,000 v. 3 ph; trolley volt. 1500 v. d. c.

2 automatic sub-stations; each will contain 1 G. E. mo.-gen. set 900 hp. 3 ph. 60 cy. motor direct connected to 600 kw. 1500 v. d. c. gen.

20 miles; 4-8½ g; 6 motor pass. cars. (Electrification expected to be completed and in operation during May, 1918. The use of steam locos. for freight service will be continued.) $18

1129—Bamberger Elec. R. R. Co.—Office, Elec. Ry. Bldg. (Successor to Salt Lake & Ogden Ry. Co.) (Connects Salt Lake City, North Salt Lake, Bountiful, Centreville, Farmington, Kaysville, Layton, Clearfield, Sunset, Roy, Orchard and Ogden. Connects with the Utah & Idaho Central R. R. Co. at Ogden and the Salt Lake & Utah R. R. Co. at Salt Lake City, also all diverting steam railroads.)

*Pres. & Gen. Mgr. Julian M. Bamberger..... } Salt Lake City.
V. Pres. & Treas.
J. B. Bean..... "
Secy. E. A. Vail..... "
Audr. W. E. Jones..... "
Gen. Fgt. & Pass. Agt.
R. B. Needham..... "
Pur. Agt. H. F. Barraclough.... "
Supt. Transp. N. S. Wiltsie..... "
Elecl. Engr. L. Wilson..... "
Ch. Engr. Pwr. Sta. & M. M.
O. R. Payne.....Ogden

Purchases energy from Utah Pwr. & Lt. Co.; trans. volt. 44,000 v; trolley volt. 750 v. d. c.

Repair shops, North Salt Lake and Ogden.

Reaches Lagoon Park (controlled).

70 miles; 4-8½ g; 18 motor and 75 other cars. ★127

1130—Salt Lake & Utah R. R. Co.—Office, 222 So. West Temple St., Salt Lake City. (Connects Salt Lake City, Lehr, American Fork, Provo, Spanish Fork, Payson and Magna; also operates local line in Provo.)

*Pres. & Gen. Mgr.
W. C. Orem.....Salt Lake City
V. Prests. { Jas. G. Berryhill, Berkeley, Cal.; Gen. Atty. Henry I. Moore, Salt Lake City
Sec. & Treas. F. M. Orem..... "
Audr. J. R. Brown..... "
Supt. & Ch. Engr. F. D. Nauman "
Pur. Agt. R. M. Mitchell..... "
Claim Agt. Edward L. Howell.. "
Traffic Mgr. Ross Beason..... "
Gen. Fgt. & Pass. Agt.
W. L. White..... "
Signal Engr. W. A. Holbien.. "
Ch. Engr. Pwr. Sta. & Engr.
Ovhd. Constr. W. P. Morford... Payson
Elec. & Mech. Engr.
Leonard Wilson.....Salt Lake City
Roadmaster, W. I. Williams.....Provo

Energy purchased from Utah Pwr. & Lt. Co. at 44,000 v. and transformed in 4 sub-stations to 1500 v. for use on trolley direct; 12 rot. conv. West. tot. 3000 kw. 750-1500 v; 12 transf. West. tot. 1800 kva. 44,000 v. 3 ph. 60 cys.

Sub-stas. at Granger, Lindon, Springville and Bringhurst.

75 miles (catenary); 4-8½ g; 9 elec. motor pass., 1 gasoline motor pass. and 2 elec. motor freight cars, 2 elec. locos. and 65 other cars. ★127

1131—Utah Lt. & Trac. Co.—(Consolidation of Utah Lt. & Ry. Co. and Salt Lake Lt. & Trac. Co.) (Connects Salt Lake City with Murray, Sandy, Midvale, Bountiful, Centerville and Holliday.) (Electric light, and power and gas properties leased to and operated by Utah Power & Lt. Co.)

Pres. C. W. Whitley.....Salt Lake City
V. Prests. { C. E. Groesbeck "; O. J. Salisbury "; D. F. McGee. New York, N. Y.; Wm. Darbee. " "
Sec. & Treas.
W. E. Blodgett.....Salt Lake City
Asst. Secs. { S. A. Whitney.....Salt Lake City; L. W. Osborne...New York, N. Y.
Asst. Treasrs. { E. P. Summerson " "; E. O. Howard " "

*Mgr. H. F. Dicke.....Salt Lake City
Traffic Supt.
Geo. W. Manning..... " "
Claim Agt. Frank E. Hanson " "
Pur. Agt. A. D. Smith..... " "
Engr. L. L. Dagron..... " "
M. M., E. E. Franklin..... " "
Energy from Utah Pwr. & Lt. Co.; repair shop at Salt Lake City.
Reaches "Wandamere" Liberty Park, Majestic Park and Fort Douglas.
145 miles; 4-8½ g; 184 motor and 32 other cars. 127

VERMONT.

BARRE. 10,784.

(See No. 1137.)

BELLOWS FALLS. 4,883.

1132—Bellows Falls & Saxton's River St. Ry. Co.
Pres. D. A. Blakeslee
New Haven, Conn.
Sec. Geo. A. Weston.....Bellows Falls
Treas. S. C. Morehouse
New Haven, Conn.
*Mgr. & Pur. Agt.
W. J. Sanford.....Bellows Falls
M. M., H. Bresland.....Gageville
Roadmaster,
P. M. Woolley.....Bellows Falls
Energy purchased from Fall Mtn. Elec. Lt. & Pwr. Co; 2 rot. G. E. tot. 300 kw. 600 v. 3 ph. 60 cys; trans. volt. 2300 v; trolley volt. 600 v; repair shops, Westminster St.
Owns and controls Barbers Park.
7.5 miles; 4-8½ g; 11 motor and 3 fgt. cars. 127

BENNINGTON. 6,211.

(See also No. 650.)

1133—The Vermont Co.—Office 129 Church St., New Haven, Ct. (Acquired the part of the Bennington & North Adams St. Ry. Co. located within the State of Vermont. The part of the Bennington & North Adams St. Ry. Co. located in the State of New York was acquired by the Hoosick Falls R. R. Co. Connects Bennington and Pownal, Vt. and Bennington and No. Adams, Mass. (Controlled by the New York, New Haven & Hartford R. R. Co.) (Leases the Hoosick Falls R. R. Co., and is itself leased for ninety nine years from Feb. 1, 1911, to the Berkshire St. Ry. Co.)
Pres. Howard Elliott.....New Haven, Ct.
V. Pres. L. S. Storrs..... " "
Treas. R. E. Healy.....Bennington
Audr. I. A. May ..... New Haven, Ct.
Gen. Mgr. C. Q. Richmond Pittsfield, Mass.
20.5 miles; 4-8½ g. 77

BRATTLEBORO. 6,517.

1134—Twin State Gas & Elec. Co. (Brattleboro Div.)—Office, 180 Main St. (Absorbed Brattleboro St. Ry. Co. Connects Brattleboro Centerville & W. Brattleboro.) (A subsidiary of Middle West Utilities Co.)
Pres. Sam'l Insull.....Chicago, Ill.
V. Pres. Howard L. Olds.....Brattleboro
Sec. H. H. Bechtel..... "
Treas. C. A. Forrest..... "
Asst. Sec. & Asst. Treas.
J. F. Reilly.....New York, N. Y.
Audr. H. L. Harris.....Brattleboro
*Mgr. W. H. Richardson..... "
Supt. & M. M., A. L. Tripp.... "
Power stas. equip. 2 a. c. G. E. tot. 700 kw. 3 ph. 60 cys; 800 hp. turb. (wtr.) Smith, Vaille, Lef; trans. volt. 11,000 v; trolley volt. 650 v; also purchases energy from Conn. River Pwr. Co. of N. H.
Power sta. at West Dummerston.
Repair shops, Brattleboro.
5.5 miles; 4-8½ g; 7 motor pass. cars. (Company does elec. and gas lighting.) ★127

BURLINGTON. 20,468.

1135—Burlington Traction Co.—Office, cor. Church and Main Sts. (Controls Military Post St. R. R.) (Connects Burlington, Essex Junction and Winooski.)
Pres. Elias Lyman.....Burlington
*V. Pres. & Treas. John J. Flynn "
Sec. C. W. Brownell..... "
Supt. & Pur. Agt. T. B. Jones "
Asst. Supt. H. D. Hendee..... "
Elec. & Ch. Engr. R. Whalen. "
Fmn. Pwr. Sta. Bert Shaw.... "
Power sta. equip. 2 a. c. West. tot. 1500 kw. 2400 v. 3 ph. 60 cys; 1900 hp. turb. (wtr.) Hol; trans. volt. 22,000 v; (trolley volt. 600 v.
Power sta. at Vergennes; repair shops at Burlington.
Reaches Queen City and Ethan Allen Parks.
12 miles; 4-8½ g; 40 motor cars. (Co. sells energy for ltg. at Shelburne and Vergennes.) 127

1136—Military Post St. R. R.—Office, Cor. Church & Main Sts. (Controlled by Burlington Trac. Co., which see for officers.)
Energy from Burlington Trac. Co.
5 miles; 4-8½ g; 6 cars, 1 snow plow 127

MONTPELIER, 7,856.

1137—Barre & Montpelier Trac. & Power Co.—Office, Montpelier, P. O. Box 377. Connects Barre and Montpelier.
Pres. H. T. Sands..... } 201 Devonshire
V. Prests. { A. B. Tenney } St., Boston,
{ D. E. Manson } Mass.
Treas. E. A. Bradley..... "
Audr. H. A. Gidney..... "
*Mgr. H. D. Larrabee.....Montpelier
Supt. W. F. Corry..... "
Purchases energy from Montpelier & Barre Lt. & Pwr. Co.; 2 d. c. G. E. tot. 450 kw; trolley volt. 575 v.
Repair shop at Montpelier.
Reaches and owns Dewey Park and Suter City Park.
10.25 miles; 4-8½ g; 14 motor pass. cars and 2 other motor cars; 1 other car. ★127

RUTLAND. 13,546.

1138—Rutland Ry., Lt. & Pwr. Co.—Office, 28 Center St. (Connects Rutland, West Rutland, Fair Haven, Poultney and Lake Bomoseen.) (Under management of W. S. Barstow Management Assn., Inc. and controlled by General Gas & Elec. Co.)
Pres. Wm. S. Barstow
50 Pine St., New York, N. Y.
V. Pres. & Gen. Mgr.
F. S. Nicholson.....Rutland
Clerk & Treas. H. L. Hansen.... "
Elec. Engr. W. O. Minard..... "
Supt. Ry. Dept. J. M. Eveleth.... "
Supt. Gas Dept. W. H. Lawson.. "
M. M. Thos. Roach..... "
Power sta. equip. 5 d. c. G. E. tot. 612 kw; 8 a. c. G. E. West. tot. 2530 kw. 2300 v. 3 ph. 25 & 60 cys; 1350 hp. e. A. & S, Westg; 750 hp. b. Bigelow, Dillon; 2718 hp. turb. (wtr.) Smith; trans. volt. 13,500 v; trolley volt. 600 v.
Power sta. Mendon (no P. O); repair shop at Rutland.

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Owns Bomoseen Park.
33.5 miles; 4-8½ g; 29 motor, 12 flat and 7 dump cars. (Co. does general ltg. and pwr. business.) ★18

ST. ALBANS. 6,881.

1139—St. Albans & Swanton Trac. Co.—Office, 69 No. Main St., St. Albans. (Operates in St. Albans and extends to Swanton.)
Pres. T. A. Persons.....Greenfield, Mass.
V. Pres. Fuller C. Smith.....St. Albans
Sec. Elmer C. Johnson..... "
Treas. & Audr. Walter R. Dame Clinton, Mass.
*Gen. Mgr. Geo. A. Murch....St. Albans
Elec. Engr., Ch. Engr. Pwr. Sta. & M.M. Arthur E. Constantine, St. Albans
Engr. Maint. of Way, J. Swart..... "
Purchases energy from Public Elec. Lt. Co.; 1 d. c. West. 200 kw; trolley volt. 50 v.
Repair shop at St. Albans.
Reaches St. Albans Bay Park (owned).
13.333 miles; 4-8½ g; 10 motor and 2 other cars. ★127

SPRINGFIELD. 5,383 (1914).

1140—Springfield Elec. Ry. Co.—Office, Springfield. (Leases the Springfield Elec. Ry. Co., Charlestown, N. H. Connects Springfield, Vt. and Charlestown, N. H.)
Pres. & Mgr. E. C. Crosby...Brattleboro
V. Pres. M. A. Coolidge..Fitchburg, Mass.
Treas. H. H. Blanchard.....Springfield
Sec. & Supt. A. J. Crosby.... "
Audr. F. S. Pratt .....Brattleboro
Elec. Engr. J. P. Niles .....Springfield
Engr. Maint. of Way Wm. Scott..... "
Power sta. equip. 5 d. c. G. E. tot. 675 kw; 500 hp. e. ——; 450 hp. b. ——; 2 wtr. turb; also stor. bat; trolley volt. 550 v.
Power sta. at Gould's Mills; repair shop at Mineral St.
9 miles; 4-8½ g; 9 motor and 2 other cars. (Also carries freight.) 67

STOWE. 566.

1141—Mt. Mansfield Elec. R. R. Co.—Office, Stowe. (Connects Waterbury and Stowe.)
Pres. A. H. Soden 150 Oliver St., Boston, Mass.
Sec. & Audr. L. C. Moody....Montpelier
*Treas., Gen. Fgt. & Pass. & Pur. Agt. W. B. Macutchan...Stowe
Gen. Mgr. C. E. Burt..... "
Energy purchased from Morrisville Elec. Co.; trans. volt. 11,000 v; trolley volt. 600 v.
Sub. sta. and repair shop at Stowe.
Reaches Palisades Park.
11.25 miles; 4-8½ g; 3 motor pass. cars and 2 other motor cars. ★127

VIRGINIA.

ALEXANDRIA. 15,329.

(See Nos. 118, 120 and 121.)

BERKLEY. 4,988.

1142—Virginia Ry. & Pwr. Co.—(Berkley St. Ry. Div.) (Connects Norfolk and Berkley.) For officers see Richmond.
Energy from Norfolk; trolley volt. 575 v.
Reaches Lakeside Park, South Norfolk and Money Pt.
15.22 miles; 4-8½ g. 127

CHARLOTTESVILLE.
12,000 (1912).

1143 — Charlottesville & Albemarle Ry. Co.
Pres. F. C. Todd.....Baltimore, Md.
*V. Pres., Gen. Mgr. & Pur. Agt. John L. Livers.....Charlottesville
Sec., Treas. & Audr. W. M. Morton..... "
Supt. & Ch. Engr. C. L. Carter..... "
Gen. Fgt. & Pass. Agt. R. H. Fife..... "
Ch. Engr. Pwr. Sta. T. B. Davis..... "
Power sta. equip. 2 a. c. turbo-gen. G. E. tot. 1500 kw. 2300 v. 3 ph. 60 cys; 800 hp. b. Bab. & W; trans. 2200 v; trolley volt. 550 v.
Power sta. near Charlottesville; repair shops in Charlottesville.
Reaches Jefferson park (owned.)
3.5 miles; 4-8½ g; 11 motor cars. (Company furnishes energy for lighting and power.) 127

DANVILLE. 19,020.

1144—Danville Trac. & Pwr. Co.—Office, 309 Main St., Danville. (Connects Danville and Schoolfield.)
Pres. J. F. Rison.....Danville
V. Pres. R. A. James..... "
*Sec. & Treas. H. S. Lanier..... "
Gen. Supt. & Pur. Agt. N. W. Berkeley..... "
Ch. Engr., Elecn., M. M. & Engr. Ovhd. Constr. J. M. King..... "
Ch. Engr. Pwr. Sta. C. M. Clayton "
Power sta. equip. 6 d.c. G. E., T. H., Edison tot. 724 kw; 950 hp. e. B. & W. Erie, Weth; 450 hp. b. A. & T; trolley volt. 550 v.
Power sta., River St., Danville; repair shops, So. Main St., Danville.
9.13 miles; 4-8½ g; 20 motor and 2 trail cars. 127

GRAHAM. 1,917.

(See No. 1182.)

HAMPTON. 5,505.

1145—Newport News & Hampton Ry., Gas & Elec. Co.—Office, Hampton. (Consolidation of the Newport News & Old Point Ry. & Elec. Co., Citizens Ry., Lt. & Pwr. Co., Hampton Roads Traction Co., Newport News Gas Co. and Hampton, Phoebus & Ft. Munroe Gas Corpn.) (Connects Newport News, Hampton, Phoebus and Old Point. Will operate the Langley Field and Hampton R. R. Co. which is under construction.) (Under management of Allen & Peck, Inc., Syracuse, N. Y.)
Pres. J. N. Shannahan .....Hampton
V. Pres. & Gen. Mgr. E. F. Peck "
*Sec. R. M. Booker..... "
Treas. & Pur. Agt. W. Stewart. "
Audr. G. H. Caskey..... "
Supt. B. J. Megginson..... "
Gen. Fgt. Agt. Thornton F. Jones..... "
Gen. Pass. Agt. M. C. Sauerwein "
Ch. Engr. N. E. Drexler..... "
Ch. Engr. Pwr. Sta. A. E. Stierly..... "
Roadmaster, D. Ault..... "
Shop Fmn. C. W. Wood..... "
Park Mgr. F. W. Moore..... "
Power sta. equip. 4 a. c. turbo-gen. G. E. tot. 10,300 kw. 3450 v. 3 ph. 60 cys; 2800 hp. b. Heine, Bab. & W; trans. volt. 10,000 v; trolley volt. 600 v.
Power sta. and repair shops at Hampton.
Company reaches Buckroe Beach (owned).

47.80 miles; 4-8½ g: 46 motor pass. cars, 40 trail pass. cars and 14 other motor cars; 18 other cars; 1 elec. loco. (Company does general ltg. pwr. & gas business.) ★18

HOPEWELL. 20,000.

1145a — Petersburg - Hopewell & City Point Ry. Co. See Petersburg.
1 17 miles; 4-8½ g. ★18

LYNCHBURG. 29,494.

1146—Lynchburg Traction & Light Co.—Office, 723 Main St. (Controlled by American Rys. Co.)

Pres. Van Horn Ely....Philadelphia, Pa.
V. " H J. Crowley .. " "
Prests. " C. L. S. Tingley " "
Sec. & Treas.
Walter W. Perkins.... " "
Audr. F. J. Pryor, Jr... " "
Gen. Mgr.
J. W. Hancock .....Lynchburg
Pur. Agt. G. C. Weirick, Philadel, hia, Pa.
Supt. Ry. Dept. & Claim Agt.
D. C. Frost.....Lynchburg
Elec. Engr.
W. G. Claytor...Roanoke & Lynchburg
Ch. Engr. Pwr. Stas.
C. C. Hogshead.....Lynchburg
Engr. Way & Structures
Elmer E. Barnard..... "

Power stas. equip. 2 d. c. G. E. tot. 450 kw; 4 a. c. G. E. tot. 4250 kw. 13,200-2300 v. 3 ph. 60 cys; 700 hp. e. Ball & Wood; 1400 hp. b. A. & T., Bab. & W; 1500 kw. (stm.) turb. G. E; 4100 hp. (wtr.) turb. S. M. Smith; trans. volt. 13,200-2300 v; trolley volt. 550 v.

Power stations, Lynchburg and Reusens; repair shops, Lynchburg.

Owns Rivermont Park.

18.88 miles; 4-8½ g; 42 motor cars. (Company furnishes energy for lighting and operates gas plant.) ★127

NEWPORT NEWS. 20,205.

(See No. 1145.)

NORFOLK. 67,452.

1149—Norfolk Southern R. R. Co.—Office, Terminal Sta. Bldg., Norfolk, Va. (Elec. Div. connects Norfolk, Cape Henry and Virginia Beach.)

*Pres. & Gen. Mgr. J. H. Young. Norfolk
V. Pres. R. H. Swartwout New York, N. Y.
Sec. & Asst. to Pres.
M. S. Hawkins.....Norfolk
Asst. Sec. Jas. T. Avery New York, N. Y.
Treas. M. Manly.....Norfolk
Gen. Audr. J. C. Nelms, Jr..... "
Asst. to Gen. Mgr. (in charge of purchases) L. M. Jones..... "
Gen. Solicitor, W. B. Rodman.... "
Supt. Transpt. C. P. Dugan..... "
Trainmaster, H. H. Jones..... "
Traffic Mgr. E. D. Kyle..... "
Gen. Pass. Agt. H. S. Leard..... "
Gen. Claim Agt. J. H. Barrett.... "
Gen. Fgt. Agt. J. F. Dalton..... "
Ch. Engr. F. L. Nicholson..... "
Ch. Engr. Pwr. Sta. C. E. Stanton "
M. M., W. C. Alley..... "
Supt. M. of W., John Dwyer..... "
Supvr. W. L. Sutton..... "

Power sta. equip. 2 d. c. G. E. tot. 1000 kw; 1 a. c. G. E. 1000 kw. 3 ph. 25 cys; 3000 hp. e. Allis-C. Weth; 1400 hp. b. Bab. & W, A. & T; trans. volt. 13,000 v; trolley volt. 575 v.

Power sta. at Bayville (No P. O.); repair shops at Berkley and Norfolk.

Reaches Virginia Beach, Cape Henry.

47 miles; 4-8½ g; 25 motor, 17 trail cars. ★97j

1150—Virginia Railway & Power Co.—(Leases Norfolk Ry. & Lt. Co.) (Connects Berkley, Ocean View, Pine Beach, Old Point, Newport News, Norfolk and Portsmouth.) For general officers, see Richmond.

Asst. Gen. Mgr.
T. Norman Jones.....Norfolk
Asst. Sec. A. E. Dickson..... "
Supt. Distrbn. W. T. Crofton..... "
Act'g Ch. Engr. W. C. Bell..... "
Elec. Engr. J. C. Stephens..... "

Power sta. equip. 4 a. c. turbo-gen. G. E. tot. 27,500 kw. 11,000-2300 v. 3 ph. 60 cys; 7168 hp. b. Bab. & W; trans. volt. 11,000 v; trolley volt. 575 v.

Power sta. Reeves Ave., Norfolk; repair shops, Norfolk.

Reaches Ocean View, 8 miles from Norfolk.

84.425 miles; 5-2 g. & 4 8½ g; 122 motor and 60 other cars. ★127

PETERSBURG. 24,127.

(See also No. 1156.)

1151—Petersburg-Hopewell & City Point Ry. Co.—Address, P. O. Box 320. (Merger of the Petersburg & Appomattox Ry. and Hopewell & City Point Ry. Cos.) (Connects Petersburg and Hopewell and Hopewell and City Point.)

Pres. J. L. Vaughn.....Shawsville
V. Pres. Wm. A. Finn.....Petersburg
Sec. & Treas. S. C. Snead.....Shawsville
Gen. Counsel S. W. Zimmer..Petersburg
*Gen. Mgr. J. A. Baird..... "
Supts. " J. T. Blackwell..... "
" E. L. Rock..... "
M. M., W. G. Duntz..... "
Roadmaster, W. H. Wiggs.... "

Energy purchased from Virginia Lt. & Pwr. Co; 4 ret. conv. West. tot. 1200 kw; trans. volt. 13,000 v: trolley volt. 550 v.

Repair shops Blandford nr. Petersburg.

Reaches Lakemont Park, owned by Lakemont Amusement Co.

18 miles; 4-8½ g; 24 motor pass. cars and 1 motor work car. (Co. supplies energy for lighting in City of Hopewell.) ★18

PORTSMOUTH. 33,190.

1152—Virginia Railway & Power Co.—See Richmond for general officers, etc.

Local Supt. E. A. Bishop.... Portsmouth

Energy from Norfolk; trans. volt. 11,000 v; trolley volt. 575 v.

26.1 miles; 4-8½ g; 36 motor and 3 other cars. 127

RADFORD. 4,202.

1153—Radford Water Pwr. Co.—Office, 98 First St. (Consolidation of Radford Elec. Lt. & Pwr. Co., Radford St. Ry. Co., and Radford Water Works. Connects Radford and East Radford.)

Pres. J. J. Mott ....Radford
*Sec., Treas. & Gen. Mgr.
H. J. Jenkins ..... "

Power sta. equip. 2 d. c. Westg. tot. 250 kw; 2 a. c. Westg. tot. 425 kw. 2 ph. 60 cys; 150 hp. e; 150 hp. b; 650 hp. turb. (wtr.) Smith; trans. volt. 2300 v. a. c; trolley volt. 550 v. d. c.

Power sta. on Little River, 5½ miles from Radford; repair shop 98 First St., W. Radford.

2.63 miles; 4-8½ g; 4 motor cars and 1 other car. (Company furnishes energy for lighting.) 56

RICHMOND. 134,917 (1915).

(See also No. 1012.)

1155—Richmond—Seven Pines Ry. Co.—Office, 29th & P Sts. (Purchased the property of the Richmond & Rap-

pahannock River Ry. Co. extending from 29 & P Sts. Richmond to Seven Pines. Service on the Richmond & Rappahannock River Ry. Co's line between Richmond and Pamunkey 16.3 miles, has been discontinued and company dissolved.)
*Pres. Thos. B. Love ..... Richmond
Supt. A. L. Waldrop ..... "
M. M., T. C. Woodson ..... "

Energy purchased from Virginia Ry. & Pwr. Co.; trolley volt. 600 v.
Repair shop, Henrico.
7.5 miles; 4-8½ g; 4 motor passenger and 4 trail passenger cars. ★18

1156—Virginia Ry. & Power Co.—Office, 7th and Franklin Sts. (On July 1, 1911, this company (successor to Virginia Pass. & Pwr. Co., which controlled Richmond Pass. & Pwr. Co., Richmond Trac. Co. and Richmond & Petersburg Elec. Ry. Co.), purchased and merged the Norfolk & Portsmouth Trac. Co. and controlled properties. Owns and operates properties at Norfolk, Petersburg, Portsmouth and Suffolk, Va. On June 30, 1916, purchased and merged Richmond Ry. & Viaduct Co., connecting Church Hill, Fulton and Richmond proper.)
Pres. T. S. Wheelwright ..... Richmond
V. Prests. { Fritz Sitterding ..... " Gen. Counsel, E. R. Williams ..... " Gen. Mgr. C. B. Buchanan .... "
*Sec. & Treas. Geo. B. Williams. "
Asst. Sec. & Asst. Treas.
Geo. H. Taylor, 149 Broadway, New York, N. Y.
Gen. Audr. W. J. Kehl ..... Richmond
Asst. Gen. Mgr.
T. Norman Jones ..... Norfolk
Pur. Agt. C. C. Johnson ..... Richmond
Gen. Supt. Lt. & Pwr.
H. Root Palmer ..... "
Gen. Claim Agt. F. W. Mulford "
Engr. M. of W., J. M. Penick.. "

RICHMOND INTERURBAN & PETERSBURG DIV. RY. DEPT.
Supt. Ry. Lt, & Pwr.
J. E. Harvell ..... Petersburg
Supt. Roll. Stk. A. Taurman ... Richmond
Supt. Ry. Ters. & Parks (Rich. Div.) H. Pollard ..... "
Supt. Schedules (Rich. Div.) H. L. Smith ..... "
Supt. Ry. Lines (Int. Div. & So. Rich.) W. F. Bryce ..... "

NORFOLK PORTSMOUTH NORFOLK & OCEAN VIEW DIVS. RY. DEPT.
Gen Supt. Ry — — ..... Norfolk
Ch. Engr. E. S. Ely ..... "
Supt. (Berkeley Rys.) — — ... Berkley
Supt. (Portsmouth Rys.) E. A. Bishop ..... Portsmouth
M. M., R. T. Chiles ..... Norfolk

NORFOLK, PORTSMOUTH & SUFFOLK ELEC. LT. & PWR. DIV.
Supts. { E. R. Elwell ..... Portsmouth R. J. Brinkley ..... Suffolk
Act'g Ch. Engr. Pwr. Plants & Sub. Sta.
W. C. Bell ..... Norfolk

RICHMOND & PETERSBURG DIVS. LT. & PWR. DEPT.
Supt. Distrb. & Install.
J. H. Stribling ..... Richmond
Asst. Gen. Supt. Lt. & Pwr.
W. C. Bell ..... "
Ch. Engr. Pwr. Sta. W. O. Randlett "

Power stas. equip. 10 d. c. G. E. tot. 6600 kw: 9 a. c. G. E. Allis-C. West. tot. 22,150 kw. 2300 v. 3 ph. 60 cys; 10,200 hp. b. Bab. & W: 17,250 kw. stm. turb. G. E. Westg. Allis-C; 12,000 hp. wtr. wh. Smith, Lef, Hol; trans. volt. 33,000 v; trolley volt. 550 v.
Power stas. at Richmond, Norfolk, Petersburg, Portsmouth and Suffolk; repair shops at Richmond, Petersburg, Norfolk and Portsmouth.
Owns and reaches Ferndale, Forest Hill, Jefferson, Chimborazo and Capitol Square Parks.
261.73 miles; 4-8½ g; 506 pass. cars and 48 service cars. (Company does general lighting and power business.) ★127

ROANOKE. 34,874.
(See also No. 1183.)

1157—Mill Mountain Incline, Inc.—Office, Hammond Bldg., Roanoke.
*Pres. L. R. Hammond ..... Roanoke
V. Pres. A. J. Kenard ..... "
Sec. & Treas. E. M. Hammond ... "
Energy purchased.
Reaches summit of Mill Mountain.
2000 ft.; 4-8½ g; 2 cars. 67

1158—Roanoke Ry. & Elec. Co.—Office, 129-131 E. Campbell Ave. (Connects Roanoke, Salem and Vinton.) (Controlled by the Roanoke Trac. & Lt. Co., which in turn is controlled by American Rys. Co.)
Pres. Van Horn Ely ..... Phila., Pa.
1st V. Pres. H. J. Crowley ..... "
2nd V. Pres. C. L. S. Tingley.. "
Sec. & Treas. Walter W. Perkins "
*Gen. Mgr.
J. W. Hancock ..... Roanoke
Supt. Transpt. & Cl. Agt.
W. H. Horn ..... "
Supt. Equip. W. T. Bush ..... "
Pur. Agt.
G. C. Weirick ..... Phila., Pa.
Elec. Engr. W. G. Claytor ..... Roanoke
Ch. Engr. Pwr. Sta. E. C. Barnes. "
Engr. Way & Structures
Elmer E. Barnard ..... "
Power sta. equip. 8 a. c. G. E. tot. 7625 kw. 2300 v. 3 ph. 60 cys; 2048 hp. b. Bab. & W, Root; 5000 hp. stm. turb. G. E; 3000 hp. wtr. turb. Platt; trans. volt. 11,000 v; trolley volt. 600 v; also purchases energy from Appalachian Pwr. Co.
Power sta. (water) and repair shop, Roanoke.
Owns Mountain Park.
29.85 miles; 4-8½ g; 41 motor and 4 other cars. (Company does lighting.) ★127

STAUNTON. 10,604.

1159—Blue Ridge Lt. & Pwr. Co.—Office, Greenville Ave (Operates in Staunton only.)
Pres. Pur. Agt. & Gen. Mgr.
John H. Adams ..... Staunton
V. Pres. S. D. Timberlake, Jr.. "
Sec. R. E. R. Nelson ..... "
*Treas. M. O'Donnell ..... "
Supt. & M. M., R. M. Vanfossen "
Purchases energy from Staunton Ltg. Co.; trolley volt. 550 v.
Repair shops at Greenville Ave.
Reaches Highland Park (owned).
5.5 miles: 4-8½ g; 10 motor pass. cars and 1 other motor car. ★127

SUFFOLK. 7,008.
(See No. 1156.)

TAZEWELL. 1,230.

1160—Tazewell St. Ry. Co.—(Connects Tazewell and North Tazewell.)
*Pres. J. Edw. Peery ..... Tazewell
V. Pres. J. E. Jackson ..... "
Sec. & Treas. W. T. Gillespie... "
Gen. Mgr., & Pur. Agt., C. D. Larimer ..... "
Engr. Pwr. Sta. Thos. F. Sisk... "
Power sta. equip. 2 d. c. Westg. Allis C. tot. 260 kw; 2 a. c. Warren. tot. 180 kw. s. ph. 133 cys; 375 hp. e. H. & T. Allis C; 450 hp. b. W. & W; trans. volt. 2200 v: trolley volt. 550 v: energy also purchased from the Tazewell Elec Lt. & Pwr. Co.
2 miles; 4-8½ g; 3 cars. 56

WASHINGTON.

ABERDEEN. 13,660.

1161—Gray's Harbor Ry. & Lt. Co.—Office, 106 E. Hurlon St. (Absorbed the Gray's Harbor Elec. Co.) (Connects Aberdeen, Hoquiam and Cosmopolis.) Controlled by Federal Lt. & Trac. Co.)

Pres. E. N. Sanderson
60 Broadway, New York, N. Y.
V Pres. J. B. Bridges.....Aberdeen
Sec. & Mgr.
P. A. Bertrand..... "
Treas. J. Dunhill
60 B'way, New York, N.Y.
Asst. Sec. & Asst. Treas.
A. E. Rogers.....Aberdeen
Supt. C. R. Collins..... "
Engr. Pwr. Sta. H. A. Bradner.. "

Power sta. equip. 3 a. c. turbo-gen. Westg. G. E., tot. 2400 kw. 2300 v. 3 ph. 60 cys; 1600 hp. b. Bab. & W; trans. volt. 10,000 & 2400 v; trolley volt. 550 v.

Power stas. and repair shops at Aberdeen.

Owns Electric Park.

10 5 miles; 4-8½ g; 29 cars. (Company does a general ltg. and pwr. business.) 127

BELLINGHAM. 24,298.

1163—Pacific Northwest Trac. Co. (Northern Div.)—(Connects Bellingham, Blanchard, Burlington, Mt. Vernon and Sedro Woolley.) For general officers see Seattle.

Asst. Treas. J. C. Hect r.....Bellingham
Div. Mgr. L. R. Coffin..... "
Traffic Agt. C. W. Henderson "
Supt. Ry. Dept. John Hickok, Jr. "
Supt. Lt & Pwr. R. U. Muffley "
Pur. Agt. E. L. Noyes..... "
Local Supts. { L. E. Stearns..Mt Vernon; Roy Samson....Burlington; G. E. Springer Sedro Woolley

Mileage and equipment included in report of P. N. T. Co. at Seattle. 37

1164—Puget Sound Trac., Lt. & Pwr. Co. (Bellingham Div.)—For general offices see Seattle.

Asst. Treas. John C Hector..Bellingham
Div. Mgr. L. R. Coffin..... "
Supt. Ry. Dept.
John Hickok, Jr..... "
Supt. Lt. & Pwr. R. U. Muffley, "
Supt. Gas C. C. Clauson..... "
Claim Agt. T. G. Newman... "
Pur. Agt. Ed. L. Noyes..... "
Elec. Engr. G. E. Springer... "
Ch. Engr. Pwr. Sta.
H. A. Titcomb..... "
M. M. Peter N. Loft..... "

Power sta. equip. 1 d. c. G. E. 500 kw; 3 a. c. Westg. G. E. tot. 4000 kw. 2300 v. 3 ph. 60 cys; 1000 hp. e. Ham. Cor: 1500 hp. b. Bab. & W. Stir; 2000 kw. stm. turb. G. E; 3200 hp. wtr. wh. Pelton; trans. volt. 55,000 v; trolley volt. 600 v; also purchases energy from Western Canada Pwr. Co., Ltd.

Power stas, Nooksack Falls and Bellingham: repair shops at Bellingham.

Reaches White City (owned).

24.87 miles; 4-8½ g; 27 motor and 29 other cars. (Co. does general lighting and power business.) 37

CENTRALIA. 7,611.

(See No. 1180.)

CHEHALIS. 4,507.

(See No. 1180.)

CLARKSTON. 1,257.

1165—Lewiston-Clarkston Transit Co.—Office, Breckenridge, Minn. (Connects Lewiston (Idaho) with Clarkston)

Pres. A. G. Nortz...Breckenridge, Minn.
V. Pres. Geo. Burrows " "
Sec. & Treas. E. H. Nortz " "
*Gen. Mgr., Pur. Agt. & Engr. Overhd. Constr., H. C. Hartung.....Clarkston
M. M., V. A. Bilberback..... "

Energy purchased from Washington-Idaho Wtr. Lt. & Pwr. Co; 1 d. c. G. E. 125 kw; trans. volt. 2200 v; trolley volt. 550 v.

Repair shop, Clarkston.

Reaches Vernon Park and Lewiston-Clarkston Ball Park (controlled).

4.15 miles; 4-8½ g; 6 motor cars. ★127

EVERETT. 24,814.

(See also No. 1171.)

1166—Puget Sound International Ry. & Pwr. Co. Gen. office, 860 Stuart Bldg., Seattle. (Purchased the property of the Everett Ry. Lt. & Wtr. Co.) (Connects Everett, Lowell and Snohomish.) (Controlled by the Pacific Northwest Trac. Co.)

Pres. Fred'k S. Pratt.....Boston, Mass.
V. Prests. { Alton W. Leonard....Seattle; Wm. H. McGrath..... "
Sec. Chester M. Clark.....Boston, Mass.
Treas. H. B. Sawyer..... " "
Asst. Sec. James B. Howe.....Seattle
Clerk, Wadleigh B. Drummond Portland, Oreg.
Asst. Treas. C. F. Kirchhaine....Everett
Gen. Mgrs.
Stone & Webster.....Boston, Mass.
Local Mgr. D. C. Barnes.....Everett
Supt. Ry. Dept., Claim Agt. & Engr. Maint. of Way, Geo. Newell... "
Supt. Pwr. Dept. & Engr. Overhead Constr. A. M. Chitty.. "
Supt. Wtr. Dept. C. F. Klapp..... "
Gen. Pass. & Pur. Agt. K. K. Carrick..... "
M. M., E. M. Swift..... "
Engr. Track & Roadway, R. D. Farris..... "
Engr. Pwr. & Equip., T. Molyneux..... "

Power sta. equip. 1 d c. Westg. 500 kw; 2 a. c. Westg. tot. 1250 kw. 2 ph. 60 cys; 1500 hp. e. Allis-C; 1190 hp. b. Bab. & W; 1000 hp. turb. Westg; trolley volt. 550 v; energy also purchased from Puget Sound Trac. Lt. & Pwr. Co.

Power sta. and repair shops at Everett.

17.8 miles; 4-8½ g; 21 motor and 3 other cars. (Company does general ltg. & pwr. business) 37

NORTH YAKIMA. 14,082.

1168—Yakima Valley Transportation Co. Office, 122½ West Yakima Ave., North Yakima. (Connects North Yakima, Harwood, Selah and Wiley City.)

Pres. N. C. Richards
Miller Bldg., N. Yakima
V. Pres. J. P. O'Brien.....Portland, Ore.
Treas. C. A. Becker.....N. Yakima
Audr. R. B. Oswin..... "
Supt. Transp. C. H. Robbins.. "
Gen. Fgt. Agt. H. C. Temple.. "
Pur. Agt. G. W. Saul.....Portland, Ore.
Ch. Engr. E. F. Kidder.....Walla Walla
*Supt. Way & Equip.
W. S. Howard.....N. Yakima
Roadmaster, Joe Swing..... "

Energy purchased from Pacific Pwr. & Lt. Co.; 3 d. c. G. E. tot. 900 kw.; 3 a. c. G. E. tot. 1050 kw. 2300 v. 3 ph. 60 cys; trans. volt. 66,000; trolley volt. 600 v. d. c.

Repair shop, No. Yakima.

45 miles; 4-8½ g; 16 motor pass. cars, 4 trail pass. cars and 4 other motor cars; 15 other cars; 1 elec. loco. ★127

OLYMPIA. 6,996.

1169—Olympia Light & Power Co.—Office, 523 Main St. (Connects Olympia and Tumwater.)
Pres. Hazard Stevens.....Olympia
V. Pres. Frank W. Wildes..Boston, Mass.
Sec. Jno. F. Souther..... "
Treas. & Mgr.
L. B. Faulkner.....Olympia
*Andr. H. A. Hart..... "
Supt. & Ch. Engr. H. C. Ranft... "
Pur. Agt. W. K. Burntrager.... "

Power sta. equip. 1 d. c. Westg. 500 kw; 1 a. c. Westg. 500 kw. 2 ph. 60 cys; 1600 hp. turb. (wtr.) S-B. & S-V; trans. volt. 2300 v; trolley volt. 550 v. Also purchases energy from Puget Sound Trac. Lt. & Pwr. Co.

Power sta. at Tumwater, Wash.; repair shops, Olympia.

6 miles; 4-8½ g; 10 motor pass. cars, 1 trail pass. car and 1 other motor car; 2 other cars. (Company furnishes energy for lighting.) (Installing additional 400-kw. a. c. gen.) ★127

RAYMOND. 6,000 (1912).

1170—Willapa Electric Co.—Office, Raymond. (Purchased the properties of the Willapa Harbor Ry. Co., Twin City Elec. Co. and South Bend Elec. Co.) Connects South Bend and Raymond.
*Pres. J. S. Thornton.....Raymond
V. Pres. H. Hobart Porter New York, N. Y.
Sec., Mgr. & Pur. Agt.
J. R. Snider.....Raymond
Treas. M. M. Fisher..... "
Supt. Ry A. W. Fisher..... "

POWER STA. 1—1 gen Westg. 300 kw. belted to 1 engine Twin Nagle; 1 turbo-gen. Curtis 300 kva. 6600 v. 3 ph. 60 cys; 1 ry. gen. 150 kw. Westg. belted to 1 eng. Ideal.

POWER STA. 2—1 turbo-gen. Curtis 1000 kw. 2300 v. 3 ph. 60 cys; 2 mo. gen. (ry.) Westg. tot. 275 kw. 2300 v. a. c. 550 v. d. c.

POWER STA. 3 (Hydraulic)—1 wtr. wh. Pelton belted to 1 gen. Allis C. 115 kw. 2300 v. 2 ph.

Power sta. and repair shop, Raymond.

5.444 miles; 4-8½ g; 3 motor cars. (Company furnishes energy for lighting.) ★18

SEATTLE. 250,000 (1912).

(See also Nos. 73, 175, 1177, 1178 and 1179).

1170a—Loyal Ry. Co.—Office, 2314 Market St. (Extends from 24th N. W. and Market St. to 32nd N. W. & West 85th St., Connecting Ballard Station, Seattle, and Golden Gardens Park.)
Pres. H. W. Treat.....Seattle
V. Pres. Fred E. Sander..... "
Sec. Jno. P. Hartman..... "
*Treas. & Gen. Mgr. G. Havers .. "
Audrs. E. G. Shorrock & Co..... "

Purchases energy from Western Washington Pwr. Co.

Reaches Golden Gardens.

1.75 miles; 4-8½ g; 4 cars. 127

1171—Pacific Northwest Traction Co. Gen. office, 860 Stuart Bldg. (Consists of two divisions: for Northern Division see Bellingham; Southern Division—Interurban line between Seattle and Everett.) (Controls the Puget Sound International Ry. & Pwr. Co. and in turn is controlled by the Puget Sound Trac., Lt. & Pwr. Co.)
Pres. Fred'k S. Pratt..... Boston, Mass.
V. Prests. { A. W. Leonard.....Seattle
Wm. H. McGrath..... "
Sec. Wr .Boston, Mass.
Treas. "
Asst. ie....Everett
Gen. Mgr.
Stone & Webster.....Boston, Mass.
Freight Traffic Mgr.
W. H. Somers.....Seattle
Sales Mgr. H. J. Gille..... "
Mgr. South'n Div. D. C. Barnes...Everett
Supt. Ry. Dept., Claim Agt. & Engr. Maint. of Way, Geo. Newell "
Supt. Pwr. Dept. & Engr. Ovhd. Constr. A. M. Chitty..... "
Gen. Pass. & Pur. Agt.
K. K. Carrick..... "
M. M., E. M. Swift..... "
Roadmaster, A. Hollings..... "

Purchases energy from Puget Sound Trac., Lt. & Pwr. Co.; repair shop at Everett.

Reaches Country Club.

61.8 miles; 4-8½ g; 10 pass. motor and 68 other cars; 4 elec. locos. (Sells energy for lighting.) 37

1172—Puget Sound Traction, Light & Power Co.—Office, 860 Stuart Bldg. (Purchased and consolidated The Seattle Elec. Co., Pacific Coast Pwr. Co., Puget Sound Pwr. Co., Seattle-Tacoma Pwr. Co. and Whatcom County Ry. & Lt. Co.) (Controls Puget Sound Elec. Ry., Western Washington Pwr. Co. and Pacific Northwest Trac. Co., which controls Puget Sound International Ry. & Pwr. Co. The company, through ownership or control, does substantially all the electric street and interurban railway and the greater part of the commercial electric lighting and power business in the Puget Sound district, including the cities of Seattle, Tacoma, Bellingham and Everett.) (Owns or controls hydro-electric pwr. plants with present development of 74,000 hp. and ultimate development of about 175,000 hp; steam stations with present cap. of 32,100 hp. and street and interurban railways aggregating 478 4 miles) (The Washington Auto Bus Co., operating between Bothell and Seattle, a distance of 16 miles, is a subsidiary of this company.)
Chmn. Bd. Fred'k S. Pratt..Boston, Mass.
Pres. Alton W. Leonard.....Seattle
*V. Pres. Wm. H. McGrath..... "
Clerk, Wm. T. Crawford...Boston, Mass.
Sec. Jas. B. Howe.....Seattle
Treas. Henry B. Sawyer....Boston, Mass.
Asst. Treas. Frank Dabney.....Seattle
Audr. W. E. Best..... "
Gen. Mgrs.
Stone & Webster.....Boston, Mass.
Sales Mgr. H. J. Gille.....Seattle
Industrial Agt. W. F. Herring..... "
Div. Mgrs. { Arthur L. Kempster..Seattle
L. R. Coffin.....Bellingham
L. H. Bean.....Tacoma
D. C. Barnes.....Everett
Freight Traffic Mgr. W. H. Somers. Seattle
Gen. Supt. Ry.
G. A. Richardson..... "
Gen. Supt. Lt. & Pwr.
John Harisberger..... "
Supt. Dept. Accid. Investigation
F. M. Hamilton..... "
Pur. Agt. W. B. Donaldson..... "
Engr. G. E. Quinan..... "
Supt. Stm. Ht. Div. Henry Hull... "
Supt. Transp. D. W. Henderson... "
Supt. Rolling Stock & Shops, A. D. Campbell..... "
Supt. Way & Struct. E. J. McIlraith "
Supt. Transm. & Distrbn., M. T. Crawford..... "
Supts. Hydro-Elec. Gen. Stas. { G. C. Sears (White River Sta.).....Derringer
O. N. Wisewell. Snoqualmie
W. O. Gordinier...Electron

Power stas equip. 2 d. c. West. tot. 200 kw; 19 a.c. G. E. Westg. Allis-C. tot. 81.450 kw. 2 & 3 ph. 60 cys. 6900-2300 v; 12.152 hp. e. McI & S, Cor, Ide, Allis-C; 15.230 hp. h. Stir, Bab. & W, Cahall; 17.735 hp. turb. De Laval, Curtis; trans. volt. 13.800-55,000 v; trolley volt. 550 v. Also purchases en-

ergy from Western Canada Pwr. Co. (Bellingham, Div.)

Power stas. at Snoqualmie Falls, Electron, Dieringer, Nooksack Falls, Seattle, Bellingham and Tacoma; repair shops, Georgetown, Bellingham and Tacoma.

Owns Madison Park and reaches Madrona and Leschi Parks and 6 other city parks.

226.4 miles (owned); 4-8½ g. and 3-6 g. (cable); 404 pass. motor, 37 pass. cable grip cars, 92 other motor cars and 3 other cable grip cars; 2 elec. locos; 429 other cars. 37

1172a—Western Washington Pwr. Co. (Operates in the City of Seattle.) (Controlled by Puget Sound Trac. Lt. & Pwr. Co.)

Pres. Frederick S. Pratt...Boston, Mass.
V. Prests. { Alton W. Leonard ....Seattle
Wm. H. McGrath..... "
Sec. Wm. T. Crawford.....Boston, Mass.
Asst. Sec. Jas. B. Howe.....Seattle
Treas. Henry B. Sawyer....Boston, Mass.
Asst. Treas. Forrest P. Dexter....Seattle
Clerk
Wadleigh B. Drummond. Portland, Me.
Asst. Clerk, Jas. B. Howe.....Seattle
Gen. Mgrs.
Stone & Webster.....Boston. Mass.
Mgr. Donald C. Barnes.....Everett
Asst. Treas. C. F. Kirchpaine.... "
Supt. Geo. Newell..... "

Energy from Puget Sound Trac. Lt. & Pwr. Co.

5.5 miles; 4-8½ g; 1 pass. car. 37

1173—Seattle Munic. St. Ry.—Office, 517 County & City Bldg. (Div. "A" 4.2 miles, extends from business district to Ballard; Div. "C" (Highland Park & Lake Burien) 9 miles, connects Seattle and Lake Burien.)

*Supt. of Public Utilities (in charge of operation) A. L. Valentine
517 County & City Bldg.
Claim Agt. Jas. H. Dennis,
527 County & City Bldg.
Pur. Agt. W. D. Freeman,
Bd. of Public Works,
231 County & City Bldg.
Supt. Transp., S. E. Goodwin
517 County & City Bldg.

Energy supplied from City Ltg. Plant; 4 mo.-gen. Bldg. Ft. Wayne tot. 2000 kw; trolley volt. 600 v.

Sub-stas., Dexter Ave. & Aloha St. and 9th Ave. So. W. & Henderson St.; repair shop, 3d Ave.. West & Nickerson St.

16.5 miles; 4-8½ g; 12 motor pass. cars and 2 other motor cars. (Extension of Div. "A" to north city limits under construction.) ★127

1174—Seattle & Rainier Valley Railway Co.—Office, Columbia Sta. (P. O. Box 164), Seattle. (Successor to Seattle, Renton & Southern Ry. Co.) (Connects Seattle and Renton: also Columbia, Hillman City and Ranier Beach—all within limits of city of Seattle.)

Pres. Marshall E. Sampsell
72 W. Adams St., Chicago, Ill.
V. Pres. E. M. Mills " "
Sec. & Mgr. Walter M. Brown.....Seattle
*Audr. & Pur. Agt.
Frank W. Goodhue ..... "
Supt. B. R. Johnson..... "
Claim Agt.
John C. Higgins..Alaska Bldg., "
Supt. Transp.
M. G. Meiske..... "
Ch. Engr. & Engr. Maint. of W.
H. L. Hawkins "
Elec. Engr. & M. M.
K. A. Schailer..... "
Engr. Ovhd. Constr.
H. B. Brumleve..... "

Purchases energy from Puget Sound Trac., Lt. & Pwr. Co; trolley volt. 600 v. d. c.

Sub-sta. and repair shop at Columbia Sta.

Reaches Newark Park owned by city.

24.863 miles: 4-8½ g; 34 motor pass. cars and 5 other motor cars; 12 other cars; 2 elec. locos. ★127

SPOKANE. 104,402.

(See also No. 155.)

1175—Spokane & Inland Empire R. R. Co.—Office, Terminal Bldg., Spokane. (Consolidation of the Spokane Trac. Co., Spokane Terminal Co., Spokane & Inland Ry. Co., and Coeur d'Alene & Spokane Ry. Co., Ltd.) (Operates local lines and interurban lines. Connects Coeur d'Alene and Moscow, Idaho, and Colfax and Spokane, Wash.)

Pres. L. C. Gilman.....Portland, Ore.
V. Pres. & Traffic Mgr.
Waldo G. Paine.....Spokane
V. Pres. & Compt.
W. F. Turner.....Portland, Ore.
Sec. & Treas.
W. G. Davidson..... " "
*Supt. Coeur d'Alene and Spokane Div., Spokane and Inland Div., Spokane Traction Div.
E. E. Lillie.....Spokane
Gen. Claim Agt. H. K. Relf..Portland, Ore.
Pur. Agt. R. E. Scott..... " "
Ch. Engr. A. M. Lupfer..... " "
Elecl. Engr. J. W. Hungate.....Spokane
Supt. Mot. Pwr.
John Dickson..... Portland, Ore.
Frmn. Pwr. Sta. John Nordmark Spokane
M. M., M. G. Charles..... "
Roadmaster, P. McNamara..... "
Park Mgrs. { Liberty Lake L. F. Hurtig..... Hayden Lake Chas. Oein.....

Power sta. equip. 4 a.c. Westg. tot. 16,000 kw. 2200 v. 3 ph. 60 cys; 21,800 hp. turb. (wtr.) Hol; trans. volt. 60,000 v; trolley volt. 6,600 v. a. c. & 550 v. d. c.

Power sta. at Nine Mill Bridge on Spokane River: repair shops, Spokane and Coeur d'Alene.

Owns parks at Hayden and Liberty Lakes; Ball Park, Spokane; Blackwell Park at Coeur d'Alene, and reaches Manito Park, Corbin and Liberty Parks at Spokane.

290.478 miles; 4-8½ g; 68 pass. and 7 other cars (city); 59 pass. cars, 429 freight, 16 express, 13 elec. locos., 2 steam locos. and 1 other car (interurban). (Company does light and power business.) ★127

1176—Washington Water Power Co.—Office, cor. Front Ave. and Lincoln St., Spokane. (Owns Spokane St. Rys.) (Connects Cheney, Spokane and Medical Lake.)

Chmn. Ex. Committee,
W. J. C. Wakefield.....Spokane
Pres. D. L. Huntington..... "
V. Pres. H. L. Bleecker..... "
V. Pres & Gen. Mgr.
C. S. MacCalla..... "
*Sec. A. F. S. Steele..... "
Treas. Y. M. White..... "
Audr. P. Hayward..... "
Gen. Supt. R. A. Willson..... "
Supt. Lt. & Pwr. J. B. Fisken... "
Claim Agt. T. G. Aston..... "
Pur. Agt. V. G. Shinkle..... "
Ch. Engr. C. F. Uhden..... "
Elec. Engr. V. H. Greisser..... "

Power stas equip. 6 d. c. G. E. tot. 4300 kw; 13 a. c. G. E. tot. 60,750 kw. 4000-2300 v. 3 ph. 60 cys.; 112,300 hp. (wtr.) turb. Morris, Platt, Allis-C, Pelton; trans. volt.

65,000-60,000 v. 3 ph. 60 cys; trolley volt. 600 v.

Power stas., Spokane, Little Falls and Long Lake, Wash., and Post Falls, Ida.; repair shops at Spokane.

Owns Natatorium Park, Spokane.

110.9 miles; 4-8½ g; 154 motor pass. cars, 10 trail pass. cars and 12 other motor cars; 18 other cars. (Co. sells energy and does lighting.) ★127

TACOMA. 83,743.

1176a—Tacoma Municipal Railway.—Office, City Hall. ("Tide Flats" line, operated by Tacoma Ry. & Pwr. Co. under transfer and profit-sharing agreement with city.)

*Comr. Public Works
C. D. Atkins.....Tacoma
City Engr. L. A. Nicholson..... "

Energy supplied by plant owned by city: trans. volt. 60,000 v; trolley volt. 500-560 v.

6.216 miles; 4-8½ g; 14 motor pass. cars and 4 trailers; 1 freight motor car. (Freight is switched from 3 trans-continental railroads on M. C. B. equipment to shipyards and mills. §18

1177—Pacific Traction Co.—Office, 860 Stuart Bldg., Seattle. (Operates from City of Tacoma to American Lake and the town of Steilacoom.) (Controlled and operated by Puget Sound Elec. Ry. (which see for officers), which in turn is controlled by Puget Sound Trac., Lt. & Pwr. Co.

Energy purchased from Puget Sound Trac., Lt. & Pwr. Co; trolley volt. 600 v.

19.5 miles; 4-8½ g; 8 motor and 3 other cars. 77

1178—Puget Sound Elec. Ry.—Gen. office, 860 Stuart Bldg., Seattle; local office, 1306 A St. (Connects Tacoma Auburn, Kent, Renton and Seattle, Tacoma and Puyallup.) (Owns Tacoma Ry. & Pwr. Co. and Pacific Traction Co., which companies do the entire electric railway and a portion of the electric power business of Tacoma.) (Controlled by the Puget Sound Trac., Lt. & Pwr. Co.)

Pres. Fred'k S. Pratt ..... 147 Milk St. Boston, Mass.
V. Prests. Alton W. Leonard.....Seattle
Wm. H. McGrath ..... "
Sec. William T. Crawford, Boston, Mass.
Treas. Henry B. Sawyer.... "
Asst. Treas. W. E. Wilmot.....Tacoma
Gen. Mgrs. Stone & Webster
147 Milk St., Boston, Mass.
Local Mgr. L. H. Bean.....Tacoma
Gen. Supt. George W. Rounds... "
Supt. Invest. & Adj.
H. G. Winsor..... "
Gen. Fgt. & Pass. Agt.
W. H. Somers.....Seattle
Pur. Agt. G. O. Snider.....Tacoma
Supt. Pwr. & Equip.
K. C. Schluss..... "
Supt. Transp. O. C. Mathis..... "
Ch. Engr. & Roadmaster,
G. A. de Haseth..... "

Power sta. equip. (auxiliary) 5 d. c. G. E. tot. 2200 kw; 3 a. c. G. E. tot. 2500 kw. 2200 v. 2 ph. 60 cys; 4450 hp. e. ——; 4100 hp. b.; trans. volt. 55,000-13,800 v; trolley volt. 600 v. All energy purchased from the Puget Sound Trac., Lt. & Pwr. Co.

Repair shops at Tacoma.

Owns Spanaway Park; reaches Point Defiance Park.

78.4 miles owned; 4-8½ g; 22 pass. motor and 13 trailers; 3 elec. locos. and 182 other cars. (Company furnishes energy for lighting in Kent, Auburn and other towns along interurban line.) 37

1179—Tacoma Ry. & Pwr. Co.—Gen. office, 806 Stuart Bldg., Seattle; local office, 1306 A St. (Connects Puyallup, Spanaway, Steilacoom, Fern Hill and American Lake. Operates, under lease, Tacoma Munic. Ry., known as the "Tide Flats" line.) (Owned and operated by the Puget Sound Elec. Ry., which is controlled by the Puget Sound Trac., Lt. & Pwr. Co.)

Pres. Fred'k S. Pratt, 147 Milk St., Boston, Mass.
V. Prests. Alton W. Leonard.....Seattle
William H. McGrath.. "
Sec. William T. Crawford, Boston, Mass.
Treas. Henry B. Sawyer... "
Asst. Treas. W. E. Wilmot.....Tacoma
Gen. Mgrs. Stone & Webster
147 Milk St., Boston, Mass.
Div. Mgr. L. H. Bean .....Tacoma
Gen. Supt. G. W. Rounds..... "
Supt. Invest. & Adj.
H. G. Winsor..... "
Fgt. Traffic Mgr.
W. H. Somers.....Seattle
Pur. Agt. G. O. Snider.....Tacoma
Supt. Pwr. & Equip.
K. C. Schluss..... "
Supt. Transp. T. F. Marsh..... "
Ch Engr. G. A. de Haseth..... "

Energy purchased from Puget Sound Trac., Lt & Pwr. Co; trans. volt. 13,800 v; trolley volt. 600 v.

Steam aux. plant (cap. 4700 kw.) and repair shops, Tacoma.

Reaches Spanaway Park (owned) and Pt. Defiance Park.

105.8 miles electric and 1.6 miles cable (85.9 miles owned); cable, 3-6 g; electric, 4-8½ g; 92 pass. motor and 8 cable grip cars, 3 elec. locos. and 70 other cars. (Co. does general ltg. & pwr. business.) 77

VANCOUVER. 9,300.

(See also No. 886.)

1180—North Coast Pwr. Co.—Gen. office, 441 Pittock Blk., Portland, Ore. (Successor to Washington-Oregon Corpn.) (Operates in Vancouver; connects Vancouver and Sifton (Vancouver Div.), and Centralia and Chehalis (Twin City Div.)

Pres. Clarence M. Brown
2115 Land Title Bldg.. Phila., Pa.
*V. Pres. Gen. Mgr. & Pur. Agt.
R. M. Boykin.....Portland, Ore.
Sec. J. Newlin Brown
2115 Land Title Bldg., Phila.. Pa.
Treas. B. F. Donahue.....Portland, Ore.
Engr. Pwr. Sta H. K. Lugger " "

2 d. c. West. G. E. tot. 700 kw; 2 a. c. Allis-C. tot. 2000 kw. 2300 v. 3 ph. 60 cys; 1800 hp. b. Stir; 2 stm. turb. Allis-C; 700 hp. wtr. turb. Allis-C, Smith, Vale; trans. volt. 45,000 v: trolley volt. 600 v. Purchases energy from Portland (Ore.) Ry., Lt. & Pwr. Co.

Power stas., Chehalis & Kalama; repair shops at Chehalis and Vancouver.

20 miles; 4-8½ g; 10 motor and 14 other cars. (Co. does general lighting & power business.) 18

WALLA WALLA. 19,364.

1181—Walla Walla Valley Ry. Co.—Gen. office, Spalding Bldg., Portland, Ore. (Operates in Walla Walla and an interurban line connecting Walla Walla, Wash., and Milton, Ore.) (Controlled by the Pacific Pwr. & Lt. Co., which in turn is controlled by American Pwr. & Lt. Co.)

Pres. Guy W. Talbot.....Portland, Ore.
*V. Pres. & Gen. Mgr.
C. S. Walters.....Walla Walla
V. Pres. John A. Laing....Portland, Ore.
Sec. & Treas. Geo. F. Nevins "
Asst. Sec. & Treas.
Lewis A. McArthur..... "
Traffic Mgr. E. G. Miller....Walla Walla
Pur. Agt. W. N. Voegtly..Portland, Ore.
Ch. Engr. J. C. Martin.... "
Engr. In Charge R/W & Taxes
Wm. H. Galvani..... "

M. M., P. Fichtner... .....Walla Walla
Roadmaster N. Manaro..... "

Purchases energy from Pacific Pwr. & Lt. Co.; 3 d. c. G. E. tot. 1000 kw; trolley volt. 600 v.

Repair shops, Walla Walla.

Reaches Park between Walla Walla and Milton (leased).

27 miles; 4-8½ g; 15 pass. and 13 fgt. cars. 67

WEST VIRGINIA.

BLUEFIELD. 11,188.

(See also No. 1199.)

1182—Appalachian Pwr. Co.—BLUEFIELD DIV. (Connects Graham, Va., and Bluefield, W. Va.)

Pres. R. C. Morse
19 Congress St., Boston, Mass.
V. Prests. J. A. Trawick
47 Ames Bldg., " "
C. N. Mason
71 B'way, New York, N.Y.
Sec. A. H. Mosle. 30 Broad St., " "
Treas. W. R. Emerson
47 Ames Bldg., Boston, Mass.
Audr. W. E. Terry.....Bluefield
*Gen. Mgr. Herbert Markle..... "
Local Mgr. J. B. Moseley, Jr.... "
Supt. Pwr. Dept. H. E. Shedd.. "
Pur. Agt. E. J. Counts..... "

Energy is furnished from hydro elec. developments to sub-station at Bluefield; 1 mo. gen. G. E. 300 kw. stm. plant reserve; 1 d. c. G. E. 500 kw; trans. volt. 88,000 v; trolley volt. 550 v.

Power sta. on New River, Va.; repair shops between Graham and Bluefield.

7.40 miles; 4-8½ g; 8 motor pass. cars and 2 other motor cars. (Company does general lighting & power business.) ★127

1183 — Norfolk & Western Ry. Co. (Electric Div.) — Office, Roanoke, Va.) Electric zone extends from Bluefield to Vivian; Bluestone to Pocahontas and Bluestone to Clift Yard (Simmons Branch). Electrifying section between Vivian and Welch.)

Pres. L. E. Johnson.....Roanoke, Va.
V. Pres. N. D. Maher..... "
Treas. Jos. B. Lacy..... "
Audr. Walter MacDowell... "
Gen. Mgr. A. C. Needles... "
Supt. H. C. Weller.....Bluefield
Claim Agt. W. S. Battle, Jr., Roanoke, Va.
Gen. Fgt. & Pass. Agt.
De Los Thomas..... "
Pur. Agt. E. T. Burnett.... "
Ch. Engr. J. E. Crawford.. "
Gen. Supt. Motive Pwr.
W. H. Lewis..... "
*Ch. Elec. Engr.
C. H. Quinn..... "
Signal Engr. D. W. Richards "
Gen. Foreman Elec'l Equip.
R. R. Macdonald..... Bluefield
Engr. in chge. of Pwr. Plant & Sub-Stas. E. T. Phillips..... Bluestone Jct.
Foreman in chge of elec. loco. repairs and operation, B. E. Greenwood, Bluestone Jct.
Foreman in chge. of line constr. & maint. T. B. Ogle..... Bluestone Jct.

Power sta. equip: 4 a. c. West. tot. 36,000 kw. 11,000 v. 3 ph. 25 cys: 27,000 kw. stm. turb. West; 8014 hp. b. Bab. & W. (Stirling): trans. volt. 44,000 v; trolley volt. 11,000 v. s. ph.

Power sta. and inspection shop at Bluestone.

96.3 miles; 4-8½ g; 12 double unit locos. ★127

CHARLESTON. 22,996.

1184 — The Charleston-Dunbar Trac. Co.—Office, Charleston. (Connects Charleston and Dunbar.)

Pres. Fred. Paul Grosscup....Charleston
*Sec., Gen. Mgr. & Pur. Agt.
E. W. Alexander..... "
M. M. F. W. Gay..... "

Power sta. equip. 2 d. c. G. E. tot. 700 kw; trans. volt. 2300 v; trolley volt. 600 v.

Power sta. and repair shops, Dunbar.

Reaches Dunbar Park (controlled).

7 miles: 4-8½ g; 7 motor pass. cars and 1 other car. (Company does a general ltg. & pwr. business.) (Expects to build a 20-mile extension during 1918.) ★127

1185—Charleston Interurban R. R. Co.—Office, Terminal Bldg., Charleston. (Leases for 99 years the Kanawha Valley Trac. Co., which is controlled by American Rys. Co. Connects Charleston, So. Charleston, Spring Hill, St. Albans, Kanawha City, Malden, Marmet, Chesapeake, Winifrede Jct. and Cabin Creek Jct.)

Pres. W. A. MacCorkle.....Charleston
V. Pres. J. E. Chilton..... "
Sec. & Treas. F. M. Staunton. "
Audr. A. S. Guelich..... "
*Supt., Pur. Agt. & Ch.
Engr. I. N. Smith..... "
Claim Agt. L. H. Oakes..... "
M. M., E. Garris..... "
Engr. M. of W.,
W. M. Carpenter..... ... "
Supt. Ovhd. Constr.
J. W. Sturgeon..... "

Power sta. equip. 2 d. c. G. E. tot. 600 kw; 800 hp. e. Weth; 1200 hp. b. Weth; 600 kw. stm. turb. West; trans. volt. 44,000-6600 v; trolley volt. 750-600 v. Energy also purchased from Virginian Pwr. Co.

Power station and repair shops, Charleston.

Owns Edgewood Park and reaches Luna Park.

39 miles; 4-8½ g; 39 motor and 3 other cars. (During 1918 expects to extend line from Cabin Creek Jct. to Montgomery, a distance of 10.5 miles.) ★107j

1186 — Columbia Gas & Electric Co. — Office, Charleston. (Leases stocks of properties controlled by Cincinnati, Newport and Covington Lt. & Trac. Co.)

Chmn. of Bd. P. G. Gossler
62 Cedar St., New York, N. Y.
Pres. A. B. Leach
62 Cedar St., " "
V. Prests. W. W. Freeman, Cincinnati, O.
W. Y. Cartwright "
*Sec. & Treas. T. F. Wickham, care of Union Gas & Elec. Co., 4th & Plum Sts., Cincinnati, O. 127

ELM GROVE. 1,899.

(See No. 1207.)

FAIRMONT. 9,711.

1187—Monongahela Valley Traction Co.—Office, Fairmont. (Controls Fairmont & Mannington R. R. Co. In 1916, purchased Consumers Elec. Lt. Co. of Manning.) (Connects Fairmont with Mannington.) (Controls Kanawha Traction & Elec. Co.)

Pres. Jas. O. Watson.....Fairmont
V. Pres. & Claim Agt.
Smith Hood..... "
Sec. & Treas. Walton Miller... "
*Audr. O. F. Lough..... "
Gen. Mgr.
E. B. Moore..... "
Gen. Supt. E. C. Bowman..... "
Claim Agt. C. B. W. Chapman. "
Gen. Fgt. & Pass. Agt. A. B. Cole "
Pur. Agt. A. T. Watson..... "

Elec. Engr. & Engr. of Ovhd.
Constr. D. A. Maurer.....Fairmont
Ch. Engr. D. H. Blanks..... "
Ch. Engr. Pwr. Sta.
T. E. Meeks.....Hutchinson
M. M., Geo. Hudson.....Fairmont
Roadmaster, W. H. Schimmel... "

Power sta. equip. 7 a. c. G. E. tot. 6750 kw. 2200 v. 3 ph. 60 cys; 3750 hp. e. (gas) Bethlehem; 3000 hp. b. Bab. & W; 3000 kw. turb. (stm.) G. E; trans. volt. 22,000 v; trolley volt. 600 v.

Power stas. Jayenne (stm.), Hutchinson (gas); repair shops at Fairmont, Clarksburg and Weston

Reaches, Loop Park, Traction Park and South Side Park at Fairmont and Fairgrounds Park at Clarksburg.

110 miles; 4-8½ g; 93 motor and 8 other cars. (Company does gen. ltg. & pwr. business.) ★127

GRAFTON. 7,563.

1188—Grafton Lt. & Pwr. Co.—Office, Grafton. (Connects Grafton, Blueville and City Park.)

Recvrs. { A. W. Burdett.....Grafton
{ G. W. Ford..... "
*Gen. Mgr. J. Clyde Lewis..... "
Elec. Engr. J. W. Brown..... "
Ch. Engr. Pwr. Sta. Chas. Simon. "
M. M., A. C. Proudfoot..... "

Power sta. equip. 1 d. c. West. 150 kw. 550 v; 2 a. c. West. tot. 525 kva. 2200 v; 600 hp. b. Atlas, Geary; 900 hp. e. Phoenix, Amer. Ball, Skinr; 1 mo. gen. set 278 kw.

Power sta. at So. Grafton; repair shops at Fetterman.

Reaches City Park (in charge of Common Council.)

7 miles; 4-8½ g; 11 motor pass. cars. (Does ltg. & pwr. business.) ★127

HUNTINGTON. 31,161.

1190—Ohio Valley Elec. Ry. Co. 317 9th St., Huntington. (Owns the Consol. Lt., Ht. & Pwr. Co., Huntington, Ashland & Catlettsburg St. Ry. Co., Ashland, Ky., Boyd County Elec. Co., Ashland, Ky. and Ironton (O.) Elec. Co.) (Connects Huntington, Ceredo, Kenova, W. Va., Catlettsburg, Ashland, Ky., Coal Grove, Ironton and Hanging Rock, O.) (Controlled by American Rys. Co.)

Pres. Wm. C. Sproul.....Chester, Pa.
V. Prests. { H. J. Crowley.....Phila., Pa.
{ C. L. S. Tingley... "
Sec. & Treas. W. W. Perkins. "
Audr. Frank J. Pryor, Jr..... "
Gen. Mgr. H. S. Newton.....Huntington
Claim Agt. J. O. Marcum.... "
Pur. Agt. G. C. Weirick
Philadelphia, Pa.
Elec. & Ch. Engr. James Fagan
Huntington
Supt. Transpt. W. C. Baker... "
Gen. Fgt. Agt.
John Williamson..... "
Engr. Pwr. Sta. Chas. Lake .....Kenova
Supt. Lines D. L. Evans.....Huntington
Div. Supt. R. E. Kimmel....Ashland, Ky.
M. M. J. F. Schmidlapp. ...Huntington
Roadmaster, M. B. Shaver.... "
Park { H. O. Via..... "
Mgrs. { G. M. Wilde.....Ashland, Ky.

Energy purchased from Consolidated Lt., Ht. & Pwr. Co., Kenova; trans. volt. 11,000 v; trolley volt. 600 v.

Repair shops at 18th St., West Huntington.

Owns Camden Park, Kellogg, W. Va. and Clyffeside Park, Ashland, Ky.

46.29 miles; 4-8½ g; 73 motor cars. ★127

LEWISBURG 803.

1191 — Lewisburg & Ronceverte Elec. Ry. Co.—Office, Lewisburg. (Connects Lewisburg and Ronceverte.)

Pres. S. P. Preston.....Lewisburg
V. Pres. J. B. Laing..... "
Sec. H. B. Moore..... "
Treas. H. F. Hunter..... "
*Gen. Mgr. J. J. Duffy ..... "
Gen. Fgt. & Pass. Agt.
H. F. Bowling..... "
Engr. M. of W., S. B. Smith... "

Purchases energy from Va.-Western Pwr. Co.; trans. volt. 45,000 v; trolley volt. 600 v.

6.2 miles; 4-8½ g; 2 motor cars and 1 other car. ★28

MORGANTOWN. 9,150.

(See also No. 991.)

1193 — Morgantown & Wheeling Ry. Co.—Office, Traction Bldg. (Operates by electricity between Morgantown and Randall for passenger service and by steam between Randall and Price, serving coal mines.) (Controls Monongahela & Ohio R. R. Co. (under construction.)

Receiver, W. E. Glassock...Morgantown
V. Pres. Lee R. Shriver.... "
Sec. & Treas. F. P. Weaver.. "
*Gen. Mgr., Pur. Agt. &
Ch. Engr. R. E. Kerr..... "
Audr. & Gen. Fgt. & Pass. Agt.
Amnon I. Derr..... "
Supt. C. S. Bailey..... "
Elecl. Engr. S. R. Newman. "
M. M. Harry Dent.;..... "

Energy purchased from West Virginia Trac. & Elec. Co.; trans. volt. 550 v; trolley volt. 600 v; repair shops at Granville.

15 miles (8 elec. & 12 stm.): 4-8½ g; 3 motor cars and 8 other cars; 3 stm. locos. 67

1194—So. Morgantown Trac. Co.—Office, Blackstone Bldg., Morgantown.

Pres. & Gen. Mgr.
John Madagan.....Morgantown
V. Pres. Sanford Barrickman "
*Sec. & Park Mgr. John E. Price "
Treas. P. S. Johnson..... "
Elecl. Engr. M. L. Cross..... "
Roadmaster, A. D. Davis.... "
Park Mgr. C. N. Reay..... "

Purchases energy from Union Utilities Co.

25-acre park owned by company.

6 miles; 4-8½ g; 3 cars. 35

1195—West Virginia Trac. & Elec. Co. (Morgantown Div.). (Connects Morgantown & Sabraton and Morgantown & Granville.) For executive officers, see Wheeling.

Gen. Mgr. J. K. Buchanan..Morgantown
M. M., C. E. Nigh..... "
Asst. M. M., J. Thorn..... "

Power sta. equip. 3 d. c. Westg, G. E. tot. 900 kw; 5 a. c. turbo-gen. G. E., Westg, tot. 3400 kw. 2300 v. 2 & 3 ph. 60 cyc; 1570 hp. b. Heine, Stir; trans. volt. 13,200 v; trolley volt. 600 v. Also purchases energy from Monongahala Valley Trac. Co.

Power sta. and repair shops at Morgantown.

6.5 miles; 4-8½ g; 14 motor cars. ★127

NEWELL.

1196—The Newell Bridge & Ry. Co.—(Successor to The Newell St. Ry. Co.) Office, Newell, W. Va. (Connects East Liverpool, O., and Newell, W. Va.)

Pres. Marcus Aaron,
2nd Nat'l Bank Bldg., Pittsburgh, Pa.
V. Pres. E. M. Knowles, East Liverpool, O.
*Sec., Gen. Mgr. & Pur. Agt.
F. B. Lawrence.....Newell
Treas. W. E. Wells..... "

Power sta. equip. 2 d. c. Burke tot. 300 kw; 2 a. c. Burke tot. 150 kw. 2 ph. 60 cyc; 500 hp. e. Allis-C; 930 hp. b. Titusville, Heine; 1-300 kw. turb. Curtis; trolley volt. 550 v.

Power house, car barns and repair shops, Newell, W. Va.
Owns park at Lake Newell.
3 miles; 4-8½ g; 10 cars. (Company furnishes energy for lighting through Newell Wtr. & Pwr. Co.) 127

NEW MARTINSVILLE. 2,176.

(See No. 1201.)

PARKERSBURG. 17,842.

1197—Kanawha Trac. & Elec. Co.—Office, Union Trust Bldg. (Inc. in April, 1915, and on June 7, 1915, consolidated with Parkersburg, Marietta & Interurban Ry. Co.) (Controls city lines of Parkersburg, W. Va., and Marietta, O., and connects these cities with Lowell and Beverly, O.) (Controlled by the Monongahela Valley Trac. Co.)
Pres. Thos. Logan.....Parkersburg
Sec. G. M. Alexander.....Fairmont
*Treas. O. F. Lough..... "
Audr. J. Cummings.....Parkersburg
Mgr. S. M. Gallaher..... "
Supts. and Transp. Geo. T. Mann (Parkersburg Div.) "; Frank E. Wilson (Ohio Div.).....Marietta, O.
Claim Agt. C. B. W. Chapman, Fairmont
Gen. Fgt. & Pass. Agt.
C. R. Devine.....Parkersburg
Pur. Agt. A. T. Watson.....Fairmont
Ch. Engr. Pwr. Sta.
O. B. Summers.....Parkersburg
M. M., C. W. Folwell..... "
Supt. M. of W., R. E. Thomas "
Engr. Ovhd. Constr.
William Bailey..... "
Power stas. equip. 4 a. c. G. E. tot. 6000 kw. 2300 v. 2 & 3 ph. 60 cys; 1950 hp. e. Allis-C., Ham, Erie; 3500 hp. b. Bab. & W.; 5000 kw. turb. (stm.) G. E; 171 hp. wtr. wh. Lef; trans. volt. 22,000 v; trolley volt. 600 v.
Power sta. at Parkersburg.
Repair shops at Parkersburg and Marietta.
Leases and reaches Terrapin Park, Parkersburg.
60 miles; 4-8½ g; 77 motor pass. cars and 13 other cars. (Company does general ltg. business in Parkersburg, W. Va., and Marietta and Beverly, O.) ★127

PRINCETON. 3,027.

1199—Princeton Power Co.—Office, Princeton. (Operates in Princeton and connects this city with Bluefield where connection is made with the Appalachian Power Co. for entrance to the city.)
Pres. & Treas. L. P. Hardy.....Princeton
V. Pres. H. E. DeJarnette..... "
*Gen. Mgr. S. J. Evans..... "
M. M., E. T. Evans..... "
Energy purchased from Appalachian Pwr. Co; trans. volt. 13,200 v; trolley volt. 600 v; power sta. equip. 1 mo-gen. Allis-C. 200 kw; 1 rot. conv. West. 200 kw; 1 a. c. Allis-C. 175 kw. 2200 v. 2 ph. 60 cys; 250 hp. e. Allis-C; 300 hp. b. Houston, Stanwood and Gamble; power plant held as auxiliary.
Pwr. sta. and repair shop, Princeton.
Reaches and owns a park site of 70 acres, partially developed and leased to Glanwood Park Co.
14 miles; 4-8½ g; 5 motor cars (Co. does general ltg. & pwr. business; sells energy to Athens Pwr. Co.) ★127

SISTERSVILLE. 2,634.

1200—Tyler Trac. Co.—Office, Sistersville (Connects Sistersville, Pursley & Middlebourne.)
*Pres. & Gen Mgr.
R. Broadwater.....Sistersville
Sec. W. O. Harrington..... "
Treas. W. J. Neuemchwander. "
Roadmaster, John Snodgrass
New Martinsville
Energy purchased from Sistersville Elec Lt. & Pwr. Co.; trans. volt. 550 v; trolley volt. 550 v; repair shops at Sistersville.
13 miles; 4-8½ g; 5 motor cars, 2 other cars. ★127

1201—Union Trac. Co.—Office, Sistersville. (Purchased the Wetzel & Tyler Ry Co.) (Connects New Martinsville, Paden City and Sistersville.)
Pres. & Treas. H. W. McCoy....Sistersville
*V. Pres. R. Broadwater..... "
Sec. S. G. Messer..... "
Supt. A. M. Jones..... "
Ch. Engr. Pwr. Sta. T. V. Stetson. "
Roadmaster, E. Jackson.....Paden City
Park Mgr. W. J. McCoy.....Sistersville
Energy purchased from Sistersville Elec. Lt. & Pwr. Co.; repair shops, Paden City.
Reaches Paden Park (owned).
12 miles; 4-8½ g; 9 motor cars, 1 other car. 115

WELLSBURG. 4,189.

1202—Steubenville, Wellsburg & Weirton Ry. Co.—Office, 734 Charles St. (Connects Wellsburg, Follansbee, Steubenville, Holliday's Cove and Weirton. Leases The Steubenville Ry. Co., which owns track from west end of the Steubenville Bridge along Market St. in Steubenville, O., to the Pittsburg, Cin. & St. Louis Ry. Depot.) (Owned by West Penn Rys. Co.)
Pres. A. M. Lynn.....Pittsburg, Pa.
V. Pres. Raymond B. Keating " "
Sec. & Treas. C. C. McBride.. " "
Audr. & Asst. Treas.
John Young..... " "
Asst. Sec. W. E. Craig..... " "
Gen. Supt. W. B. Atwood.....Wheeling
Claim Agt. E. D. Lash..... "
Pur Agt. W. E. Higgins...Pittsburg, Pa.
Supt. Edw. Wright.....Wellsburg
Ch. Engr, Ways & Struct.
J. L. Fritsch.....Pittsburg, Pa.
Supt. Equip.
Daniel Durie.....Connellsville, Pa.
M. M., H Branson.....Wheeling
Engr. M. of W., W. A. Underwood "
Purchases energy from Wellsburg Elec. Lt., Ht. & Pwr. Co.
Repair shops, Follansbee.
13.52 miles; 4-8½ g; 15 motor cars. ★18

1203—Wellsburg, Bethany & Washington Ry. Co.—(Connects Wellsburg & Bethany.)
Pres. T. E. Cramblet.....Bethany
V. Pres. Sam'l George.....Wellsburg
Sec., Gen. Mgr., Gen. Fgt & Pass. Agt. & Pur. Agt. J. S. Liggett "
Treas. & Claim Agt. W. W. Beall..... "
Audrs. John Scott..... "; Chas. S. Wilson..... "
*Mgr. J. Witherspoon.....Bethany
Purchases energy from Wellsburg Elec. Lt., Ht. & Pwr. Co.; repair shops Bethany.
7.8 miles; 4-8½ g; 3 motor passenger cars and 5 freight cars. ★127

WHEELING. 41,641.

1205—Pan-Handle Traction Co.—Office, Wheeling. (Controlled by the Wheeling Traction Co.) (Connects Wheeling and Wellsburg.)
Pres. Williston Fish.....Pittsburgh, Pa.
V. Pres. R. B. Keating... "
Sec. W. A. Shirley.....Wheeling
Treas. C. C. McBride.....Pittsburgh, Pa.
Gen. Supt. W. B. Atwood.....Wheeling
Supt. Edw. Wright.....Wellsburg
Claim Agt. E. D. Lash.....Wheeling
Pur. Agt. W. E. Higgins. Pittsburgh, Pa.
Supt. Equip.
Daniel Durie.....Connellsville, Pa.

Ch. Engr. Ways & Struct.
J. L. Fritsch.....Pittsburgh, Pa.
M. M., H. Branson.....Wheeling
Engr. M. of W.
W. A. Underwood..... "
Purchases energy from Wheeling Trac. Co. and Brooke Elec. Co.; repair shops at Windsor Sta., W. Va.
19.19 miles; 4-8½ g; 9 motor pass. cars and 4 other motor cars. ★18

1206—The Steubenville & Wheeling Traction Co.—Office, Huron and Zane Sts., Wheeling. (Controlled by the Wheeling Trac. Co.) (Connects Steubenville, Mingo, Brilliant, Rayland and Martin's Ferry, Ohio.)
Pres. Williston Fish.....Pittsburgh, Pa.
V. Pres. R. B. Keating... "
Sec. W. A. Shirley.....Wheeling
Treas. C. C. McBride.....Pittsburgh, Pa.
Gen. Supt. W. B. Atwood.....Wheeling
Supt. J. W. Marsh..... "
Claim Agt. E. D. Lash..... "
Pur. Agt. W. E. Higgins. Pittsburgh, Pa.
Supt. Equip.
Daniel Durie.....Connellsville, Pa.
Ch. Engr. Ways & Struct.
J. L. Fritsch.....Pittsburgh, Pa.
M. M., H. Branson.....Wheeling
Engr. M. of W.
W. A. Underwood..... "
Power sta. equip 2 d. c. Westg. tot. 1000 kw; 1500 hp. e. Cpr; 1500 hp. b. Stirling; trans. volt. 600 v; trolley volt. 600 v; energy also purchased from Wheeling Trac. Co.
Power sta. at Brilliant, O; repair shops at Steubenville.
15.42 miles; 5-2½ g; 12 motor pass. cars and 5 other motor cars. (Company sells energy.) ★18

1207—West Virginia Trac. & Elec. Co.—Office, Wheeling. (This co. owns and operates a large part of the electric street railway system at Wheeling and supplies city with natural gas; also owns and operates electric street railways, electric light and natural gas plants and water supply systems both in the suburban district of Wheeling and in the City of Morgantown.)
Controls the following:
City & Elm Grove R. R. Co. which owns a line in City of Wheeling and suburbs extending along the National Road to the Pennsylvania state line; also owns water works and electric light plant formerly operated by Suburban Lt. & Wtr. Co., and Wheeling Park formerly owned by the Wheeling Park Assn.
Wheeling & Elm Grove Ry. Co. which operates an electric railway in the suburban district of Wheeling including Fulton, Pleasant Valley, Elm Grove and Triadelphia, which extends to the Pennsylvania state line at West Alexander.
City Ry. Co., operating in Wheeling.
Union Utilities Co. which leases Morgantown & Pittsburgh Ry. Co.
City & Suburban Gas Co.
(Under management of W. S. Barstow Management Assn. Inc. and controlled by the Eastern Pwr. & Lt. Corpn.)
Pres. W. S. Barstow
50 Pine St., New York, N.Y.
V. Pres. & Gen. Mgr.
J. D. Whittemore.....Wheeling
Sec. C. N. Wilson
50 Pine St., New York, N. Y.
Treas. A. P. Taliaferro..
25 Nassau St., " "
Asst. Sec.. Asst. Treas. & Audr.
R. R. King.....Wheeling
Gen. Supt. C. R. Bendell..... "
Supts. { H. Ames..... "
Supts. { Peter Stanton..... "
Gen. Fgt. & Pass. Agt
W. P. Wogenheim..... .. "
Ch. Engr. G. R. Rinke.....Wheeling
Elec. Engr. I. Tuttle..... "
Engr. Pwr. Sta. F. R. Coyn.... "
M. M., Jacob B. Burkley..... "
Power sta. equip. 5 d. c. Westg. tot. 2000 kw; 3 a. c. Westg. tot. 425 kw. 3 ph. 60 cys; 2500 hp. e. Cpr, Bckye; 2700 hp. b. Stir, Heine; trans. volt. 2200 v; trolley volt. 600 v.
Power stas. at Elm Grove and (City Rys.) Wheeling; repair shops at 12th and McCulloch Sts. and 27th and Wood Sts.
Owns Wheeling Park.
39 miles; 4-8½ g; 74 motor and 6 other cars. ★127

1208—Wheeling Traction Co.—Office, Huron and Zane Sts. (Leases Citizens' St. Ry. Co; connects Moundsville and Wellsburg, W. Va., and Bellaire, Martins Ferry, Rayland and Steubenville.) (Controls Pan Handle Trac. Co., and Steubenville & Wheeling Trac. Co. and operates Bellaire Southwestern Trac. Co. and Wheeling & Western Ry. Co.) (Controlled by the West Penn Rys. Co., which in turn is controlled by the West Penn Trac. & Wtr. Pwr. Co.)
Pres. A. M. Lynn.....Pittsburgh, Pa.
V. Prests. { Williston Fish, "
V. Prests. { R. B. Keating "
Sec. W. A. Shirley..... Wheeling
Treas. C. C. McBride.....Pittsburgh. Pa.
Gen. Supt. W. B. Atwood.....Wheeling
Asst. Gen. Supt. C. M. Marsh... "
Claim Agt. E. D. Lash..... "
Pur. Agt. W. E. Higgins. Pittsburgh, Pa.
Supt. Equip.
Daniel Durie.....Connellsville, Pa.
Ch. Engr. Ways & Struct.
J. L. Fritsch .....Pittsburgh, Pa.
Ch. Engr. Pwr. Sta.
R. B. Shields.....Wheeling
M. M., H. Branson..... "
Engr. M. of W.,
W. A. Underwood..... "
Power sta. equip. 3 d. c. Westg., Bull. tot. 2000 kw; 3 a. c. Westg. tot. 3500 kw. 2200-6600 v. 3 ph. 60 cys; 4150 hp. e. Cpr, C. & G; 3250 hp. b. Bab. & W; 3500 kw. stm. turb. Westg; trans. volt. 22,000 v; trolley volt. 600 v. d. c.
Power stas. at 42d St., Wheeling, and Brilliant, Ohio: repair shop, Wheeling.
Reaches Moundsville Camp Ground.
87.78 miles: 5-2½ and 4-8½ g: 141 motor pass. cars and 16 other motor cars: other car. (Co. sells energy.) ★18

WISCONSIN.

APPLETON. 16,773.

1210—Wisconsin Trac. Lt., Ht. & Pwr. Co.—(Consolidation of Appleton Elec. Lt. & Pwr. Co., Fox River Valley Elec. Ry. Co. and Menasha & Neenah St. Ry. Co.) (Purchased Fox River Valley Gas & Elec. Co.) (Connects Appleton, Menasha, Neenah and Kaukauna, and includes local line in Appleton.)
Pres. & Gen. Mgr. John I. Beggs
First Nat. Bk. Bldg., Milwaukee
Sec.. Pur. Agt. & Supt.
A. K. Ellis.....Appleton
Ch. Engr. John McCarter..... "
M. M., John W. Stark..... "
Power sta. equip. 2 d. c. Allis-C tot. 1000 kw; 8 a.c. Allis-C, tot. 14,500 kw. 4000-2300 v 3 ph. 60 cys; 2500 hp. e. Cor; 4340 hp. b. Stirl Spgf; 12,500 kw. stm. turb. Allis-C; 2000 hp. turb. (wtr.) Allis-C; trans. volt. 33,000 v; trolley volt. 600 v.
Power sta. and repair shops, Appleton.
21 miles; 4-8½ g; 19 motor pass. cars and 1 other motor car. (Company does gas and electric lighting.) ★127

ASHLAND. 11,594.
(See also No. 491.)

1211—Ashland Lt., Pwr. & St. Ry. Co.—Office, 212 W. 2nd St. (Operates in Ashland.)
Pres. L. E. Myers
1119 Monadnock Bldg., Chicago, Ill.
V. Pres. L. N. Boisen
1119 Monadnock Bldg., " "
Sec. & Treas. W. H. P. Weston
1119 Monadnock Bldg., " "
Audr. L. C. Clark.....Ashland
Gen. Supt. F. R. Winders..... "
Dist. Mgr. Martin H. Juhl..... "
Ch. Engr. Pwr. Sta.
W. S. Reinhardt..... "
Engr. Ovhd. Constr. T. F. Keefe "
Power sta. equip. 1 d. c. G. E. 200 kw; 4 a. c. G. E. tot. 7500 kw. 2300 v. 3 ph. 60 cys; 2550 hp. b. Bab. & W; 6500 kw. turb. (stm.) G. E; 600 hp. turb. (wtr.) Smith; trans. volt. 33,000 v; trolley volt. 550 v.
Power sta. and repair shops at Ashland. Reaches Lake Park.
6.7 miles; 4-8½ g; 7 motor and 2 other cars. (Company furnishes energy for lighting.) 127

BELOIT. 15,125.
(See also Nos. 239 and 240.)

1212—Beloit Trac. Co.—Office, 120 State St.
Pres. Joel B. Dow.....Beloit
V. Pres. R. N. Baylies.....Chicago, Ill.
Sec. O. S. Baylies..... "
Treas. W. F. Woodruff.....Rockford, Ill.
Audr. F. W. McAssey..... "
*Gen. Mgr. T. M. Ellis, Jr.....Beloit
M. M., Samuel DeCamp..... "
Energy from Rockford & Interurban Ry. Co.
Repair shops, Beloit.
6 miles; 4-8½ g; 8 motor cars. 67

CEDARBURG. 1,777.

1213 — Milwaukee Northern Ry. Co.—(Connects Milwaukee, Cedarburg, Port Washington and Sheboygan.)
Pres. Wm. A. Comstock...Detroit, Mich.
*V. Pres., Gen. Mgr. & Ch. Engr.
F. W. Walker.....Port Washington
Sec. & Treas. Henry A. Haigh, Detroit, Mich.
Audr. C. R. Bradburn.....Cedarburg
Asst. Gen. Mgr. & Pur. Agt.
John St. John..... "
Ch. Despatcher, A. Montaba... "
Supt. Mil. City Div.
A. Carlson.....Milwaukee
Engr. Pwr. Sta. Harry Shaver Port Washington
M. M. Frank Kittsley.....Cedarburg
Roadmaster E. Rutherford. "
Power sta. equip. 2 a. c. Allis C. tot. 2000 kw. 3 ph. 25 cys; 4000 hp. e. gas, Allis-C; trans. volt. 22,000 v; trolley volt. 650 v.
Power sta., Port Washington; repair shops, Cedarburg.
70 miles in operation; 4-8½ g; 24 cars. (Will extend line to Fond du Lac from Cedarburg via West Bend, 43 miles.) Company sells energy. ★127

CHIPPEWA FALLS. 8,893.
(See No. 1214.)

EAU CLAIRE. 12,310.

1214—Wisconsin-Minnesota Lt. & Pwr. Co.—Office, 2-4 So. Barstow St. (Operates st. ry. system in Eau Claire and Chippewa Falls, and interurban line connecting Eau Claire, Chippewa Falls and Altoona.) (Controlled by American Public Utilities Co.)
Pres. Jos. H. Brewer..Grand Rapids, Mich.
1st V. Pres. W. B. Parsons, Minneapolis, Minn.
*2d V. Pres. & Gen. Mgr.
P. D. Kline.....Eau Claire
Sec. Blaine Gavett..Grand Rapids, Mich.
Treas. W. J. Ripley. " "
Audr. E. C. Dearth.....Eau Claire
Gen. Supt. & Ch. Engr.
G. W. McIver, Jr..... "
Supt. Ry. W. G. Lawrence.... "
Claim Agt. A. T. Ryan..... "
Ch. Engr. Pwr. Sta. & M. M.,
N. N. Buck..... "
WISSOTA STA. EQUIP.—3 a. c. Allis tot. 19,800 kva; 22,500 hp. turb. (wtr.) Allis.

LA CROSSE STA. EQUIP. — 3 turbogen. Allis, West. tot. 3700 kva; 1500 hp. b. Bab. & W.

DELLS DAM STA. EQUIP.—1 a. c. G. E. 600 kva. 3 ph. 60 cys; 650 hp. turb. (wtr.) Smith.

MENOMONIE STA. EQUIP.—2 a. c. G. E. tot. 1200 kva. 3 ph. 60 cys; 2200 hp. turb. (wtr.) Smith.

CEDAR FALLS STA. EQUIP.—3 a.c. G. E. tot. 7500 kw. 3 ph. 60 cys; 10,800 hp. turb. (wtr.) Allis-C.

CHIPPEWA FALLS STA. EQUIP.—2 d. c. G. E. tot. 375 kw; 1 a. c. G. E. 1200 kw. 3 ph. 60 cys; 2500 hp. turb. (wtr.) Dayton, Globe.

EAU CLAIRE STA. EQUIP. — 2 mogen. sets G. E. tot. 1000 kw; trans. volt. 1@0,000-66,000-33,000-13,000 v; trolley volt. 600 v.

Power stas. Dells Dam, Menomonie, Cedar Falls, Chippewa Falls, Eau Claire (ry. service), Wissota and La Crosse, tot. cap. installed 34,187½ kva; repair shop at Eau Claire.
Reaches Electric Park (owned).
25 miles; 4-8½ g; 26 motor and 3 other cars. (Company does a general ltg. & pwr. business.) ★117j

FOND DU LAC. 18,797.

1215—Eastern Wisc. Elec. Co.—For executive officers see Sheboygan. (Connects Fond du Lac, North Fond du Lac, Van Dyne, Black Wolf and Oshkosh.)
Local Mgr. A. G. Carson....Fond du Lac
Elec. Engr. John Whitely.. "
Supt. Rys. F. H. Olds..... "
Engr. M. of W. J. F. Pritchard "
Power sta. equip. 1 d. c. West. 500 kw; 2 a. c. G. E. West. tot. 600 kw. 2300 v. 3 ph. 60 cys; 1600 hp. e. Allis-C; 1670 hp. b. Bab. & W; 1000 kw. stm. turb. Allis C; trans. volt. 2300 v; trolley volt. 600 v.
Power station at Fond du Lac; repair shops at Oshkosh.
Reaches City Park, Fond du Lac and Electric Park, Oshkosh.
24.529 miles; 4-8½ g; 14 motor cars, 4 other cars. 67

GRAND RAPIDS. 6,521.

1216—Grand Rapids St. R. R. Co.—Office, Grand Rapids. (Connects Grand Rapids, Pt. Edwards, So. Centralia and Nekoosa.)
Pres. L. M. Nash.....Grand Rapids
V. Pres. W. F. Kellogg.....! "
Sec. G. M. Hill..... "
Treas. Frank J. Wood..... "
*Audr., Supt. & Pur. Agt.
A. L. Bunde..... "
M. M., L. Wipperman..... "
Roadmaster R. Sanger..... "
Power leased; repair shops, Grand Rapids.
Reaches park at Nekoosa.
9 miles; 4-8½ g; 3 motor and 2 other cars. ★127

GREEN BAY. 25,236.

1217—Bay Shore St. Ry. Co.—Office, 315 No. Jefferson St. (Connects Green Bay with Town Preble, Bay Beach, Bay View Beach and Harbor View resorts.) (Operation superintended by the Wisconsin Public Service Co.)
*Pres. & Gen. Mgr. J. A. Cusick Green Bay
Sec. J. P. Neugent..... "
Treas. H. J. Cusick..... "
Purchases energy from Wisconsin Public Service Co.; repair shops at Green Bay.
Reaches Bay Beach Park.
2 miles; 4-8½g; 4 cars. 67

1218—Wisconsin Public Service Co.—Office, 204 N. Washington St., Green Bay. (Superintends operation of Bay Shore St. Ry. and owns Green Bay Gas & Elec. Co.) (Connects Green Bay and Duck Creek; De Pere, Wrightstown, Little Rapids and Kaukauna.)
Pres. Clement C. Smith
1st Natl. Bk. Bldg., Milwaukee
1st V. Pres. Henry L. Rice,
1st Nat'l Bk. Bldg., "
*2nd V. Pres. C. R. Phenicie....Green Bay
Sec. & Treas. Howard Greene
1st Natl. Bk. Bldg., Milwaukee
Audr. Miss A. L. Buscher.....Green Bay
Gen. Mgr. J. P. Pulliam..... "
Asst. Gen. Mgr. Albert J. Goedjen "
Pur. Agt. Theodore Kaap,
1st Nat'l Bk. Bldg., Milwaukee
Ch. Engr. C. A. Ewing " "
Elec. Engr. C. M. Hasseler....Green Bay
Engrs. } E. A. Blodgett..... "
Pwr. Sta. } W. G. Wadsworth.....Crivitz
M. M. J. Jossart.....Green Bay
Engr. M. of W.,
Theodore Hendricks..... "
Engr. Ovhd. Constr.
L. A. Hinsloff..,..... "
Power sta. equip. 8 a. c. Westg. Allis-C. tot. 11.500 kw. 2300-375 v 3 ph. 60 & 25 cys; 1500 hp. e. Allis-C; 2800 hp. b. Stir; 8500 hp. turb. West. Allis-C; 9500 hp. turb. (wtr.) Allis-C; trans. volt. 66,000 & 33,000 v; trolley volt. 600-550 v.
Power stas. Washington St., Green Bay, High Falls and Manitowoc; repair shop, Washington St.
Controls Ridge Point Park; reaches Bay Beach.
38 miles; 4-8½ g; 34 motor and 6 other cars. (Co. sells energy.) ★18

JANESVILLE. 13,894.

1219—Janesville Trac. Co.—Office, Eastern Ave. (Controlled by Union Ry. Gas & Elec. Co., and is operated as part of the Rockford & Interurban Ry. Co., which see for officers.)
Local Mgr. W. Murphy.....Janesville
Energy purchased from Rockford & Interurban Ry. Co.
Repair shop at Eastern Ave.
Reaches Electric Park and Moles Grove.
5.32 miles; 4-8½ g; 9 motor pass. cars and 2 other cars. ★127

KENOSHA. 21,371.

1220—Wisconsin Gas & Electric Co.—Office, 305 6th St., Racine. (Operates local lines.) (Absorbed the Watertown Gas & Elec. Co. and the Burlington Elec. Lt. & Pwr. Co.) (Controlled by The Wisconsin Edison Co., Inc.)
Pres. James D. Mortimer.
30 Broad St., New York, N.Y.
Asst. to Pres. Edwin Gruhl " "
V. Pres. S. B. Way.....Milwaukee
Sec. & Treas. F. J. Boehm... "
Asst. Sec. & Asst. Treas.
James F. Fogarty....New York, N. Y.
Asst. Treas. Robert Sealy " "
Audr. E. Jorgensen.....Racine
Gen. Mgr. D. E. Callender..... "
Mgrs. { & Elec. Engr. G. H. Cook, Kenosha
A. C. Babson.....Watertown
W. J. Leach.....Burlington
Ch. Engr. Pwr. Sta.
John Anderson.....Milwaukee
Power sta. equip. 3 a. c. Westg. G. E. Allis C. tot. 1950 kw. 2300 v. 3 ph. 60 cys; 550 hp. e. W.E; 1140 hp. b. Stir, Freeman; 1000 kw. stm. turb. Allis C, G. E; 600 hp. wtr. turb. Leffel, Allis-C; trans. volt. 13,200 v; trolley volt. 600 v. Energy also purchased from Milw. Lt., Ht. & Trac. Co. (5000 kw.)
Power stas. at Kenosha, Watertown and Burlington; repair shops. Kenosha.
7.5 miles; 4-8½ g; 13 motor cars and 4 utility cars. (Company does a general ltg. & pwr. business.) ★18

LA CROSSE. 30,417.

1221—La Crosse & Onalaska St. Ry. Co.—Office, 300 Main St., La Crosse. (Connects La Crosse and Onalaska.)
*Pres. & Gen. Mgr. Peter Valier
c|o La Crosse & S. E. Ry., La Crosse
V. Pres. (Miss) Grace Edwards "
Treas. R. C. Whelpley
Natl. Bk. of La Crosse, "
Energy purchased; repair shop at La Crosse.
2.37 miles; 4-8½ g; 2 motor cars. ★127

1222—Wisconsin Ry., Lt. & Pwr. Co.—For general officers see Winona, Minn.
Gen. Mgr. Dean Treat..... ..La Crosse
Audr. R. J. Semsch..... "
Claim Agt. Stanton Gordon.... "
Supt. & M. M., Fred Hansen... "
Engr. M. & W.
Chas. Nordengren..... "
Power sta. equip. 2 d. c. G. E. tot. 1000 kw; 2 rot. conv. G. E. tot. 800 kw. 600 v. 3 ph. 60 cys; 500 hp. e. Allis-C; 600 hp. b; 45 000 v. trans. from Hatfield; trolley volt. 600 v.
Power sta. Hatfield; repair shop at 3rd & La Crosse Sts., La Crosse.
Reaches Fair Grounds and Ball Park.
16 miles; 4-8½ g; 22 motor pass. cars and 4 other motor cars. ★127

MADISON. 30,292 (1913).

1224—Madison Railways Co.—Office, 2302 Fair Oaks Ave. (Successor to Southern Wisc. Ry. Co.)
Pres. F. W. Montgomery.....Madison
*V. Pres. & Supt.
Dudley Montgomery..... "
Sec. & Treas. Warren Montgomery "
Pur. Agt. Hugh Montgomery
2302 Fair Oaks Ave., "
Audr. Security Audit Co.,
New York, N. Y.
Ch. Elecn. & M. M., M. Stumpf..Madison
Roadmaster. C. Milbrook..... "
Purchases energy from Madison Gas & Elec. Co.
Repair shop at 2302-8 Fair Oaks Ave.
16.5 miles; 4-8½ g; 10 motor and 7 other cars. ★127

MANITOWOC. 13,027.

1225—Wisconsin Securities Co.—(In Dec., 1916, purchased property of Manitowoc & Northern Trac. Co.) (Operates in Manitowoc and an interurban line connecting Manitowoc and Two Rivers.)
Pres. Clement C. Smith.
1st Nat'l Bank Bldg., Milwaukee
Sec. C. R. Phenicie.....Green Bay
Treas. Howard Greene,
1st Nat'l Bank Bldg., Milwaukee
*Mgr. J. G. Miller.....Manitowoc
Power sta. equip. 2 d. c. West, Ft. W. tot. 450 kw: 600 hp. e Allis-C, Bates; 400 hp. b. Manitowoc Boiler Wks.; trans. & trolley volt. 550 v.

Power sta. and repair shops, Cleveland Ave., Manitowoc.
Reaches one park.
9.5 miles; 4-8½ g; 8 motor and 8 other cars. (Co. sells energy). 77

MARINETTE. 14,610.
(See No. 497.)

MERRILL. 8,689.

1226—Wisconsin Valley Elec. Co.—For general officers see Wausau.
Local Supt. J. J. Mohr.....Merrill
Power sta. equip. 1 d. c. G. E, 100 kw; 2 a. c. Allis-C. tot. 1050 kw. 2300 v. 3 ph. 60 cys; 1150 hp. turb. (wtr.) Allis-C; trans. 2300 v; trolley volt. 500 v.
Power sta. and repair shop at Merrill.
2 miles; 4-8½ g; 4 cars. 67

MILWAUKEE. 425,000. (1915)
(See also Nos. 213, 516, 1213 and 1215.)

1227—Milwaukee Elec. Ry. & Lt. Co.—Office, Public Service Bldg., Milwaukee. (Operates Milwaukee Lt., Ht. & Trac. Co., which co. has interurban lines to Itacine, Kenosha, Waukesha, Watertown, E. Troy and Burlington, and suburban lines to Wauwatosa, West Allis, Fox Point, North & South Milwaukee, and Whitefish Bay.) (Controlled by The Wisconsin Edison Co., Inc., which in turn is controlled by the North American Co., 30 Broad St., New York.)
Pres. Jas. D. Mortimer..New York, N.Y.
Asst. to Pres. Edwin Gruhl " "
V. Pres. Chas. F. Pfister.....Milwaukee
V. Pres. & Gen. Mgr.
S. B. Way..... "
Sec. & Asst. Treas. J. F. Fogarty
New York, N. Y.
Treas. G. R. Sheldon... " "
Asst. Sec. Robt. Randall " "
Asst. Sec. & Asst. Treas.
F. J. Boehm.....Milwaukee
Audr. Geo. W. Kalweit..... "
Pur. Agt. Fred. V. Bentz.. ... "
Supt. Transpt.
Geo. Kuemmerlein, Jr..... "
Claim Agt. M. S. Rausch..... "
Supt. Rolling Stock, H. A. Mullett "
Ch. Engr. of Pwr. Plants,
John Anderson..... "
Elec. Engr. Geo. G. Post..... "
Engr. W. & S., R. H. Pinkley.. "
Supt. W. & S., R. R. Lukens.. "
Power sta. equip. 16 d. c. Westg. G. E. tot. 17,150 kw; 21 a. c. G. E, Allis-C, West. tot 80,500 kw. 13,200-4000 v. 3 ph. 25 & 60 cys; 41,900 hp. e. Allis-C; 32,844 hp. b. Edge; 72,000 kw. turb. (stm.) Allis-C, G. E; trans. volt, 13,200-26,400-66,000 v; trolley volt. 1200 & 600 v. d. c. Also purchases energy from Southern Wisc. Pwr. Co. (6,000 kw.) and Wisc. River Pwr. Co. (9,000 kw.)
Power stas. at Oneida St., Pub. Ser. Bldg., Commerce St., Holton St. and Racine; repair shops 38th St. & Cold Spring Ave., Milwaukee.
405.1 miles; 4-8½ g; 611 motor pass. cars, 113 trail pass. cars and 67 other motor cars. (Operates lighting and power system in Milwaukee, Racine, Wauwatosa, So. Milwaukee, Rochester, Waterford, Pewaukee, East Troy, Mukwonago, W. Allis, Cudahy and Shorewood, and sells energy to other utilities at Milwaukee, Racine, Kenosha, Burlington, Watertown, No. Milwaukee, Honey Creek and New Butler.) ★18

NEENAH. 5,734.
(See No. 1210.)

ONALASKA. 1,146.
(See No. 1221.)

OSHKOSH. 33,062.
(See also No. 1215.)

1228—Eastern Wisc. Elec. Co.—For executive officers see Sheboygan. (Operates Oshkosh St. Ry., Oshkosh-Neenah Interurban line and Oshkosh & Omro Interurban line. Connects Oshkosh, Neenah and Omro.)
Local Mgr. B. W. Arnold.....Oshkosh
Engr. Pwr. Sta. Fred Johnson.. "
Shop Fmn. W. T. Johnson ..... "
Track Fmn. M: Horan..... "
Power sta equip. 2 d. c. G. E. tot. 450 kw; 1 double current G. E. 500 kw; 1800 hp. e; 1800 hp. b. Bab. & W; trolley volt. 600 v.
Power sta. and repair shop at Oshkosh. Owns an amusement park in Oshkosh.
42.479 miles; 4-8½ g; 31 motor and 10 other cars. 67

PORT WASHINGTON, 3,792.
(See No. 1213.)

RACINE. 45,507.
(See No. 1220.)

SHEBOYGAN. 26,398.

1229—Eastern Wisc. Elec. Co.—Office, 428 No. 8th St. (Has taken over the Sheboygan Elec. Co., the Eastern Wisc. Ry. & Lt. Co. and the Wisconsin Elec. Ry. Co.) (Sheboygan Div. leases Milwaukee and Fox River Valley Ry. between Plymouth and Elkhart Lake, Connects Sheboygan, Sheboygan Falls, Plymouth, Crystal Lake and Elkhart Lake.) (Owned and operated by Kelsey, Brewer & Co., Grand Rapids, Mich.)
Pres. Jos. H. Brewer, Grand Rapids, Mich.
*V. Pres. & Gen. Mgr.
Raymond H. Smith.....Sheboygan
Sec. Blaine Gavett...Grand Rapids, Mich.
Treas. W. J. Ripley.. " "
Audr. Simon Kurtz.....Sheboygan
Supt. Transp. & Gen. Fgt. & Pass. Agt. John Petty..... "
Pur. Agt. A. H. Nehrlich..... "
Ch. Engr. L. B. Andrews..... "
Elec. Engr. E. M. Hervey..... "
Ch. Engr. Pwr. Sta.
L. P. Fessenden.....Sheboygan
Supt. Rolling Stk.
H. J. Pagel..... "
Power sta. equip. 3 d. c. Stan. G. E. tot. 1250 kw; 5 a. c. Stan. G. E. tot. 2500 kw. 2 ph. 60 cys; 2450 hp. e. Allis-C, Westg; 1250 hp. b. Stir; 750 kw. G. E., Curtis steam turbine; trans. volt. 13,200 v; trolley volt. 600 v. d. c.
Power sta., N. 8th. St. and Maryland Ave. Repair shop at So. 8th St. & Clara Ave.
Reaches Lake View.
34 miles; 4-8½ g; 34 motor and 10 other cars. (Company does general ltg. & pwr. business.) 67

SUPERIOR. 40,384.
(See No. 503.)

WALWORTH. 755.

1230—Chicago, Harvard & Geneva Lake Ry. Co.—Office, Walworth. (Connects Harvard and Big Foot, Ill., and Walworth and Fontana, Wis.)
Pres. Wm. McKinley,
29 So. La Salle St., Chicago, Ill.
V. Pres. W. Carey Lewis,
29 So. La Salle St., " "
Sec. John McKinley,
29 So. La Salle St., " "
*Treas., Gen. Mgr., Cl. Agt. & Pur. Agt.
C. F. Propst.....Walworth
Audr. Litta Propst..... "
M. M., D. B. Peabody..... "
Energy purchased from Walworth Ltg. Plant.

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Repair shop at Walworth.
Reaches Geneva Lake.
12.83 miles; 4-8½ g: 3 motor pass. cars and 1 trail pass. car; 15 other cars; 2 elec. locos. (Company does freight business and interchanges with Chicago & Northwestern Ry. and Chicago, Milw. & St. Paul Ry.) ★127

WAUPACA. 2,789.

1231 — Waupaca Elec. Service & Ry. Co.—Office, Waupaca. (Successor to Waupaca Elec. Lt. & Ry. Co.) (Connects Waupaca and Wisconsin Veteran's Home and Grand View Hotel.)
*Pres., Gen. Mgr. & Pur. Agt.
E. A. Aspnes.....Waupaca
V. Pres.
Freeman Hibbard..Minneapolis, Minn.
Sec. & Treas. Wm. Dressen....Waupaca
Engr. Pwr. Sta.
W. C. Rasmussen..... "
Power sta. equip. 1 d. c. G. E. 150 kw; 1 a. c. Elec. Mch. 160 kw. 2200 v. 3 ph. 60 cys; 200 hp. e. Erie; 160 hp. b. Erie; 210 hp. turb. (wtr.) Lef; trans. volt. 1040 v: trolley volt. 550 v.
Power sta. and repair shop at Waupaca.
Owns park at Chain-O-Lakes.
5 miles; 4-8½ g; 4 motor pass. cars and 3 trail pass. cars; 4 other cars. (Company furnishes energy for lighting and power.) ★127

WAUSAU. 16,560.

1232—Wisconsin Valley Elec. Co.—Office, 206-208 3rd St., Wausau. (Successor to Wausau St. R. R. Co.) (Purchased property of Merrill Ry. & Ltg. Co. Connects Wausau, Schofield and Rothschild.)
Pres. Neal Brown,
First Nat. Bk. Bldg., Wausau
V. Pres. C. C. Yawkey..... "
Sec., Treas. & Gen. Mgr.
M. C. Ewing..... "
*Audr. Wm. Anderson..... "
Supt. Nels Rasmussen..... "
Engr. Ovhd. Constr. R. B. Carter "
Power sta. equip. 2 d.c. Allis C, C-W. tot. 700 kw; 3 a. c. Natl, Allis-C. tot. 1600 kw. 110 v. 3 ph. 60 cys; 600 hp. b. Heine; 750 kw. stm. turb. G. E; 2800 hp. turb. (wtr.) Lef, Allis C; trans. volt. 2300 v; trolley volt. 500 v.
Power sta. Plummer Island, Wausau; repair shops and car barns, DeKalb St., Wausau.
Owns and reaches Rothschild Park.
9.08 miles; 4-8½ g; 9 motor and 5 other cars. (Company does general ltg. & pwr. business.) 67

WYOMING.

CHEYENNE. 11,320.

1233 — Cheyenne Elec. Ry. Co.—P. O. Box 373, Cheyenne. (Connects Cheyenne and Ft. Russell.)
Pres. A. T. Young.....Cheyenne
V. Pres. A. D. Johnson..... "
Sec. & Treas. G. E. Abbott..... "
*Supt. C. F. Smith..... "
M. M., U. G. Templeton..... "
Purchases energy from Cheyenne Lt., Fuel & Pwr. Co.
Repair shops, Pioneer Park.
Reaches Pioneer Park (owned.)
5.5 miles; 4-8½ g; 7 motor pass. cars and 10 other pass. cars. ★127

SHERIDAN. 8,408.

1234 — Sheridan Ry. Co. — Office, Sheridan. (Successor to Sheridan Ry. & Lt. Co.) (Connects Sheridan, Ft. Mackenzie, Dietz, Carneyville and Monarch.)
Pres. Albert Emanuel
61 B'way, New York, N. Y.
V. Pres. Alfred Diefenderfer....Sheridan
Sec. Wm. R. Sullivan
61 B'way, New York, N. Y.
Treas. B. F. Perkins.....Sheridan
Gen. Mgr. D. W. Jones..... "
M. M. James McCoy..... "
Power sta. equip. 2 d. c. rotary West. tot. 525 kw; trolley volt. 600 v.
Energy purchased from Sheridan County Elec. Co.
Repair shop, Sheridan.
16.5 miles; 4-8½ g; 7 motor and 3 other cars. ★18†

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CANADA.

ALBERTA.

CALGARY. 60,000 (1917).

1235—Calgary Munic. Ry.
St. Ry. Commr. A. G. Graves.....Calgary
*Supt. & Pur. Agt.
Thos. H. McCauley..... "
Supt. Pwr. J. F. McColl..... "
Energy from plant owned by city.
Repair shops, 2nd St., E.
Reaches Bowness Park and St. Georges Public Park.
75 miles; 4-8½ g; 78 motor cars, 6 freight, 1 work and 1 scenic car, 3 sprinklers. ★127

EDMONTON. 67,243 (1912).

1237—Edmonton Munic. St. Ry.—
Office, 80th and John Sts.
Comr. A. G. Harrison
Civic Bldg., Edmonton
Treas. F. Barnhouse " "
Audr. D. Mitchell... " "
*Supt. & Pur. Agt.
J. H. Moir..80th and John Sts., "
Claim Agt.
A. R. Duncan....Civic Bldg. "
City Engr.
A. W. Haddow.... " "
M. M., M. McDermott
80th and John Sts., "
Roadmaster & Engr. Ovhd.
Constr. W. J. Bruneau
80th and John Sts., "
Energy purchased from Alliance Pwr. Co. Ltd. which company leased plant from City of Edmonton; trans. volt. 6600 v; trolley volt. 575 v.
Repair shops, 80th St. & 117th Ave.
Reaches East End City Park.
54 miles; 4-8½ g; 74 pass. motor and 5 other motor cars; 1 flat car. ★18

LETHBRIDGE. 10,000 (1914).

1238—Lethbridge Munic. Ry.—
Office, City Hall, Lethbridge.
*Comr. Public Utilities
M. Freeman.....Lethbridge
Sec. & Treas. D. Donald..... "
Audr. J. R. Patterson..... "
Elec. Engr. R. Guilbault..... "
Ch. Engr. Pwr. Sta.
J. Watson..... "
Engr. M. of W. & Overhd.
Constr. W. Simons..... "
Power sta. equip. 2 d. c. Siemens, England, tot. 600 kw; 2 a.c. Belliss & Morcom, tot. 938 kw. 2200 v. 2 ph. 60 cys; 1100 hp.e. Belliss & Morcom; 2400 hp. b. Bab. & W; 1500 kva. stm. turb. Willans & Robinson; trans. volt. 2200 v; trolley volt. 600 v.
Repair shop at car barns.
Reaches Henderson Park (owned by City).
10.5 miles; 4-8½ g: 10 motor cars. 127

BRITISH COLUMBIA.

NELSON. 4,476 (1911).

1239—Nelson St. Ry. Co., Ltd. (Munic.)—Office, Front St.
Sec. & Treas. W. E. Wasson
P. O. Box 1028, Nelson
Audr. J. Lawrence..... "
*Gen. Mgr. & Ch. Engr.
Herbert P. Thomas.....Box 162 "
Supt. F. C. Ingram..... "
Ch. Engr. Pwr. Sta.
Thos. Needham.....Bonnington Falls
1 d. c. Allis-C. 250 kw; 2500 hp. wtr. turb. Allis-C; trans. volt. 12,000 v; trolley volt. 550 v.
Power sta., Bonnington Falls on Kootenay River; repair shop, Nelson.
Reaches Lake Side Park (owned by City).
4 miles; 4-8½ g: 2 cars. 77

NEW WESTMINSTER. 17,200 (1912).

1240—British Columbia Elec. Ry. Co., Ltd. — Office, Columbia St. (Operates line to Sapperton, Millside and Queensborough.) For general officers see Vancouver.
Supt. W. H. Elson.....New Westminster
44.08 miles; 4-8½ g. 127

1241—British Columbia Elec. Ry. Co., Ltd. (Fraser Valley Branch—New Westminster to Chilliwack.) For general officers see Vancouver.
Supt. W. H. Elson.....New Westminster
Sub-stas. Cloverdale, Langley, Matsqui, Sumas and Chilliwack.
76.30 miles; 4-8½ g. ★127

VANCOUVER. 200,000 (1912).

1242—British Columbia Elec. Ry. Co., Ltd. — Head office, 84 Nicholas Lane, Lombard St., London, Eng. Local office, Hastings & Carrall Sts., Vancouver, B. C. (Company operates city and suburban lines in Vancouver, Victoria, No. Vancouver and New Westminster; three interurban lines connecting Vancouver with New Westminster; interurban line connecting Vancouver with Steveston and interurban line from New Westminster to Chilliwack. See also New Westminster, Victoria and Fraser Valley Branch.)
Chairman, R. M. Horne-Payne,
London, Eng.
Sec. M. Urwin..... "
Gen. Mgr. George Kidd.....Vancouver
*Asst. Gen. Mgr. W. G. Murrin "
Gen. Exec. Asst. F. R. Glover.. "
Solicitor, V. Laursen..... "
Compt. W. Saville..... "
Local Sec. J. V. Armstrong ... "
Gen. Fgt. & Pass. Agt.
W. D. Power..... "
Pur. Agt. P. Lewis..... "
Traffic Supt. Wm. H. Dinsmore. "
Elec. Supt. W. M. Fraser..... "
Hydro-Elec. Engr.
F. S. Easton..... "
Power sta. equip. (Lake Buntzen) 10 a.c. C. G. E. Westg. Dick Kerr, tot. 47,700 kw. 2200 v. 3 ph. 60 cys.
Vancouver stm. auxiliary, 12,500 kw. stm. turb. Allis-C; trans. volt. 35,000 v; trolley volt. 550-600 v.
Sub-stas. at Vancouver, Point Grey, N. Vancouver, So. Vancouver, Lulu Island, Burnaby, New Westminster, Langley, Matsqui, Cloverdale, Sumas and Chilliwack; repair shops at Vancouver and New Westminster.
Reaches Stanley Park, Central Park, English Bay and Kitsilano Beach.
351.03 miles (171.35 city and 179.68 interurban lines); 891 passenger, 14 express and baggage, 408 freight, 17 locomotives and 128 other cars. (Co. does a general lighting and power business.) ★127

VICTORIA. 65,000 (1913).

1243—British Columbia Elec. Ry. Co., Ltd. — For general officers see Vancouver. (Operates city lines (41.55 miles) and an interurban line between Victoria and Saanich (24.29 miles), known as the Saanich Interurban Line.)

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Local Mgr. A. T. Goward.....Victoria
Mgr. Lt. & Pwr. Dept. S. J. Halls "
Supt City Lines, H. Gibson..... "
Supt. Interurban Lines.
F. D. Picken..... "
Pur. Agt. A. R. Richardson..... "
Elec. Engr. G. M. Tripp..... "
M. M., A. S. Fraser..... "

Energy purchased from Vancouver Island Pwr. Co; trans. 60,000 & 35,000 v; 55 transf. West, C. G. E. tot. 72,050 kw; 300 kw. rot. conv. C. G. E; 2000 kw. mo.-gen; 1 d.c. C. West. 500 kw. 550 v; 5 a.c. C.G.E, West. tot. 2720 kw. 2200 v. 3 ph. 60 cys; 2000 hp. e. Laurie; 2500 hp. b. Bab. & W. Climax; trolley volt. 500 v.

Auxil steam sta. in Victoria.

Controls Gorge Park and reaches Oak Bay Park and Beacon Hill Park.

65.84 miles; 4-8½ g. ★ 27

MANITOBA.

BRANDON. 16,000 (1916).

1244 — Brandon Municipal Ry.—Office, City Hall, Brandon.
City Treas. G. F. Sykes.....Brandon
City Audr. J. B. Beveridge..... "
*Supt. Thos. Boden..... "
City Pur. Agt. W. E. Skead..... "
Frmn. Car Barn, J. Roy
1st St. & College Ave., "

Energy purchased from Brandon Lt. & Pwr. Co; 2 d. c. C. G. E. tot. 870 kw; 1 syn. mo. C. G. E. 435 kva. 2300 v. 3 ph. 60 cys; trans. volt. 550-600 v.

Carbarn, 1st St. & College Ave., Brandon.

Reaches Fair Grounds.

10.31 miles; 4-8½ g; 10 motor and 10 other cars. ★127

WINNIPEG. 136,035 (1911).

1245—Winnipeg Elec. Ry. Co.—Office, Elec. Ry. Chambers. (Operates Suburban Rapid Transit Co: and Winnipeg, Selkirk and Lake Winnipeg Ry.) (Connects Winnipeg, St. Boniface and Selkirk.)
Pres. Sir Wm. Mackenzie...Toronto, Ont.
V. Pres.
Sir Augustus Nanton.....Winnipeg
Sec. & Treas. F. M. Morse..... "
Audr. Marwick, Mitchell & Co. "
Gen. Mgr. A. W. McLimont.... "
*Gen. Supt. Wilson Phillips.... "
Traffic Supt. R. R. Knox..... "
Claim Agt.
Moran, Anderson & Guy..... "
Pur. Agt. J. S. Mackenzie..... "
Elec. Engr. G. A. Mills..... "
Supt. Wtr. Pwr. Sta.
F. W. Woodman.....Pinawa
M. M., George Garrett.....Winnipeg
Engr. M. of W., S. Wilkins.... "

Power sta. equip. at Lac du Bonnet; 10 mo.-gen. C. G. E. tot. 10,480 kw; 14 a.c. C. G. E. tot. 30,000 kw. 3 ph. 60 cys; 2000 hp. e. Goldie & McC; 19,000 hp. b. Bab. & W; 9000 kw. stm. turb. G. E; 30,000 hp. turb. (wtr.) M. Smith; trans. volt. 60,000 v; trolley volt. 550 v.

Repair shop at Assiniboine Ave.

Owns and controls River Park.

110.146 miles: 4-8½ g; 310 motor and 10 other cars. (Company furnishes energy for lighting and commercial purposes and operates gas works.) ★127

1246—Winnipeg, Selkirk & Lake Winnipeg Ry.—Office, 218 Portage Ave. (Operated by Winnipeg Elec. Ry. Co.) (Connects Winnipeg, Selkirk and Stonewall.)
Pres. F. M. Morse.....Winnipeg
V. Pres. Hugh Southerland,... "
Sec. & Treas. G. A. Henson... "
Audrs. Marwick, Mitchell & Co..Winnipeg
Gen. Mgr. A. W. McLimont... "
Supt. G. Pettingell.....Selkirk
Claim Agt.
Moran, Anderson & Guy.....Winnipeg
Pur. Agt. J. S. Mackenzie..... "
Elec. Engr. G. A. Mills..... "

Energy purchased from Winnipeg Elec. Ry. Co.

Repair shops, Selkirk.

50 miles; 4-8½ g; 8 motor and 24 other cars. ★127

1247 — Suburban Rapid Transit Co.—(Line extends from Winnipeg to Headingly on the north, and beyond the city park on the south side of the Assiniboine River. Operated by Winnipeg Elec. Ry. Co.)
20.021 miles; 4-8½ g; 10 cars. 127

NEW BRUNSWICK.

MONCTON. 11,345 (1911).

1247a—Moncton Tramways, Electricity & Gas Co., Ltd.—General office, Pittspurgh, Pa. (Operates in Moncton and connects with suburban towns of Lewisville and Humphry's.)
Pres. Robert Law, Jr... } Farmer's Bank
V. Pres. & Gen. Mgr. } Bldg.
E. B. Reeser..... } Pittsburgh, Pa.
Sec. & Treas.
E. O. Bartlett..... " "
*Asst. Sec. & Treas. &
Pur. Agt. E. A. Cummings....Moncton
Supt. & Elec. Engr. Geo. Scott... "
Ch. Engr. Jasper Metcalf..... "
M. M., N. N. Coryell..... "
Roadmaster, Fred Breau..... "

Power sta. equip. 1 d.c. C. G. E. 225 kw; 2 a.c. C. G. E. tot. 600 kw. 1100 v. 2 ph. 60 cys; 600 hp. e; 750 hp. b. Robb; trolley volt. 550 v.

Power sta. and repair shops, 38 Mechanic St., Moncton.

2.5 miles; 4-8½ g; 4 motor pass. cars and 1 other car. (Company does general ltg. & pwr. business.) ★127

ST. JOHN. 42,511 (1911).

1248—New Brunswick Power Co.—Office, cor. Dock and Union Sts. (Has taken over The St. John Ry. Co., and Eastern Elec. Co., Ltd.) (Connects St. John, West St. John, East St. John, Fairville, Lancaster and Coldbrook.)
Pres. L. R. Ross.....St. John
Treas. G. M. O. Peters..... "
*Sec., Gen. Mgr. & Pur. Agt.
H. M. Hopper..... "
Asst. Mgr.
Maurice E. McCormick..... "
Elec. Engr. & M. M., H. A. Brown "
Engr. Pwr. Sta. J. Geary..... "

Power sta. equip. 2 d. c. C. G. E, Westg. tot. 1400 kw; 4 a. c. C. G. E. tot. 3500 kw. 2300 v. 3 ph. 60 cys; 4000 hp. e. Robb & Laurie; 3200 kw. turb. (stm.) G. E. Westg; 6000 hp. b. Bab. & W; trolley volt. 550 v.

Power sta. and repair shop at St. John. Owns Seaside Park. West St. John.

25 miles; 4-8½ g; 91 cars. (Company furnishes gas and electric lighting and power.) ★127

ST. STEPHEN. 2,886 (1911).

(See No. 379.)

NOVA SCOTIA.

HALIFAX. 46,619 (1911).

(See also No. 1395.)

1249—Nova Scotia Tramways & Power Co. Ltd.—Office, 122-4 Bar-

rington St. (Has taken over Halifax Elec. Tramway Co.)
Pres. E. A. Robert
263 St. James St., Montreal, Que.
V. Pres. O. E. Smith
258 Hollis St., Halifax
*Sec.-Treas. & Mng. Dir. H. R. Mallison, 422-4 Barrington St., Halifax
Claim Agt. Rainie & Keator
10 Prince St., "
Pur. Agt. W. W. Westerman,
5 Lower Water St., "
Supt. Ch. Engr. Pwr. Sta. & M. M., P. A. Freeman
5 Lower Water St., Halifax
Supt. Transp. J. W. DeYoung " "
Engr. Ovhd. Constr. W. S. Soper, Lower Water St., "

Power sta. equip. 4 a. c. C. G. E. tot. 6200 kw. 2300 v. 3 ph. 60 cys; 1600 hp. e. Prov; 5000 kw. turb. (stm.) C. G. E; 4000 hp. b. Bab. & W; trans. 2300 v; trolley volt. 575 v.

Power sta. and repair shops, Lower Water St.

Reaches Public Gardens, Spring Garden Road.

21.173 miles; 4-8½ g; 62 motor cars. (Company also controls the city lighting and gas supply.) 77

NEW GLASGOW. 6,886 (1911).

(See No. 1250.)

STELLARTON. 3,910 (1911).

1250 — Pictou County Elec. Co., Ltd. — Office, Stellarton. (Connects New Glasgow, Stellarton, Westville & Trenton.)
Pres. Chas. A. Flaherty
Exchange Bldg., Boston, Mass.
*V. Pres., Mgr. & Pur. Agt.
Leonard T. Flaherty.....Stellarton
Sec. & Treas. Wm. B. Rogers
Exchange Bldg., Boston, Mass
Audr. F. H. Oxley.....Halifax
Supt. Ry. C. F. McQuarrie..New Glasgow
Elec. Engr. John Hire..... "
Ch. Engr. Pwr. Sta.
H. F. McKay..... "
M. M. Wm. Thompson.....Stellarton
Roadmaster, Jas. Marshall..New Glasgow

Power sta. equip. 6 d. c. C. G. E. tot. 675 kw; 4 a.c. C.G.E. tot. 975 kw. 2300 v. 3 ph. 60 cys; 2508 hp.e. Robb, Harrisb; 1050 hp. b. Robb, Matheson; trolley volt. 550 v.

Power sta. and repair shops, Stellarton.

9.5 miles; 4-8½ g; 14 motor and 4 other cars. (Co. does lighting and power business.) ★18

SYDNEY. 17,723 (1911).

1251—Cape Breton Elec. Co., Ltd.—Office, Sydney. (Company does the entire electric lighting and electric railway business in Sydney, the entire electric lighting business in North Sydney, the ferry business between Sydney and North Sydney, and operates an interurban line between North Sydney and Sydney Mines.) (Controls the Sydney & Glace Bay Ry. Co., Ltd., an interurban line (19 miles) between Sydney and Glace Bay, which is operated under lease.)
Pres. A. Stuart Pratt
147 Milk St., Boston, Mass.
V. Pres. Frederick S. Pratt
147 Milk St., " "
Sec. Wm. T. Crawford
147 Milk St., " "
Treas. Henry B. Sawyer.. " "
Gen. Mgrs
Stone & Webster ..... " "
Local Mgr. —— .....Sydney
Supt. Ry. J. Bulley..... "
Pur. Agt. & Supt. Lt. & Pwr.
R. L. Forbush..... "
Supt. Ferry Dept.
Capt. J. W. Muggah..... "
Ch. Engr. Pwr. Sta. D. Webber...Sydney
M. M., James Sharpe..... "

Power sta. equip. 3 d. c. tot. 700 kw; 3 a. c. C. G. E. tot. 1100 kw. 2300 v. 2 ph. 60 cys; 1875 hp. e. Laurie & Robb; 1300 hp. b. Robb; 704 kw. stm. turb. Allis C, C-W; 1 mo. gen. C. G. E. 300 kw; trans. volt. 22,000 v; trolley volt. 600 v.

Power stas. (1800 kw. cap.) at Sydney and N. Sydney. Repair shops at Sydney, No. Sydney and Glace Bay. Sub-stas., No. Sydney and Reserve, each containing 1 mo.-gen. 300 kw.

12.6 miles owned, 19 miles leased; 4-8½ g; 22 motor and 9 other cars. ★107

YARMOUTH. 6,600 (1911).

1252—Yarmouth Lt. & Pwr. Co., Ltd.—Office, Yarmouth. (Successor to Yarmouth St. Ry. Co., Ltd.)
Pres. Carl M. Pihl
50 Congress St., Boston, Mass.
V. Pres. Thos. L. Wiles
50 Congress St., " "
*Sec. & Com'l Supt.
D. B. Stoneman.....Yarmouth
Treas. Carl T. Keller
50 Congress St., Boston, Mass.
Supt. & Ch. Engr. J. C. Ross...Yarmouth

Power sta. equip. 1 d. c. C. G. E. 150 kw; 3 a. c. C. G. E. tot. 525 kw. 2200 v. 3 ph. 60 cys; 400 hp. e. Robb, Leonard; 373 hp. b. Can. Fdy; 450 hp. wtr. turb. S. M. Smith; trolley volt. 550 v.

Power sta. and repair shops at Yarmouth.

Owns park, one mile from Yarmouth.

3.5 miles; 4-8½ g; 6 motor cars, 1 other car. (Company furnishes lighting and motor power for factories.) 67

ONTARIO.

AMHERSTBURG. 2,560 (1911).

(See No. 1293.)

BRANTFORD. 23,132 (1911).

(See also No. 1260.)

1255—Brantford Munic. Ry.—Office, 308 Colborne St., Brantford. (In 1914, the city took over the Brantford St. Ry Co. and the Grand Valley Ry. Co.) (Operates in Brantford and connects this city with Paris.)
Bd. of Ry. { Chmn. W. R. Turnbull, Brantford; C. H. Hartman..... "
Comrs. { F. J. Calbeck..... "
*Sec. Treas. & Gen. Fgt. & Pass. Agt. John Creasser..... "
Pur. Agt. & M. M., J. A. Bawtinhimer..... "
Supt. Track Alex. Topp..... "

Purchases energy from Hydro-Elec. Pwr. Comm; at Brantford, 2 mo.-gen. sets tot. 400 kw; at Paris, rot. conv. 200 kw; trolley volt. 550-600 v.

Repair shops at Brantford.

Reaches Mohawk Park (owned by city).

29.76 miles (9 city and 20.76 interurban); 4-8½ g; 18 motor cars, 2 sweepers, 1 plow and 1 work car. ★18

CHATHAM. 10,770 (1911).

1256 — Chatham, Wallaceburg & Lake Erie Ry. Co.—Office, 253 King St., Chatham. (Connects Chatham and Wallaceburg.)
Pres. D. A. Gordon.....Wallaceburg
V. Pres. J. D. Morton..... { 74 King St.,
Sec. R. G. O. Thompson.... { Toronto
Treas. L. W. Mitchel
9 Toronto St., "
*Gen. Supt. & Ch. Engr.
W. J. Curle.....Chatham
Elec. Engr. A. H. White..... "

Power sta. equip. 2 d. c. Ridgway tot.

600 kw. 550 v; 900 hp. e. Ridgway; 750 hp. b. Bab. & W; trolley volt. 550 v. Purchases energy from Hydro-Elec. Pwr. Comn. (Niagara System.)

Power sta. and repair shops at Chatham.

Reaches Erie Beach on Lake Erie (controlled.)

40.77 miles in operation; 4-8½ g; 7 passenger motor cars and 21 other cars; 3 elec. locos. (Has freight interchange with Michigan Central R. R. at Charing Cross, Canadian Pacific Ry. at Chatham, the Pere Marquette R. R. at Wallaceburg, the Wabash R. R. and the Grand Trunk Ry.) ★127†

CORNWALL. 6,598 (1911).

1257—Cornwall St. Ry., Lt. & Pwr. Co.—Office, Second St.

Pres. S. H. Ewing.....Montreal, Que.
V. Pres. Abner Kingsman " "
Sec. & Treas. E. A. Macnutt " "
Audr. P. S. Ross & Co.. " "
*Gen. Mgr., Pur. Agt. & Ch. Engr. C. U. Peeling.....Cornwall

Power sta. equip. 3 d. c. Northn, G. E. tot. 600 kw; 300 hp. e. Robb; 300 hp. b. Robb; 400 hp. wtr. turb. S. Morgan Smith; trolley volt. 550 v.

Power sta. (water power) south of Cornwall Canal.

Repair shops north of Cornwall Canal. Owns St. Lawrence Park.

6 miles; 4-8½ g; 10 pass. motor cars; 2 elec. locos. and 1 sweeper. ★127

FORT WILLIAM. 16,499 (1911).
(See also No. 1279.)

1258—Fort William Electric Ry. (Munic.)—Office, City Hall. (Operates in Ft. William and connects with Port Arthur Civic System.)

Chmn. Committee,
J. B. Hardy.....Westfort, Ft. William
Treas. Harry James..City Hall, "
Audr. J. C. Crawford " "
*Gen. Mgr.
A. L. Farquharson " "
Traffic Mgr.
M. E. Morton, Syndicate Ave. "
M. M.
E. H. Workman, City Hall "

Purchases energy from Kaministiqua Pwr. Co.; 3 d. c. C. G. E, Allis-C. tot. 1675 kw; trolley volt. 550 v.

Car barn, Walsh St.

19.8 miles; 4-8½ g; 24 pass. motor cars and 2 trailers; 2 other motor cars, 1 sweeper and 1 work car. (City manages lighting and telephone utilities.) ★18

GALT. 12,000 (1913).

1259—Grand River Railway. Operating Galt, Preston & Hespeler Ry.—Office, 8 N. Water St. (Operates Preston & Kitchener Street Ry.) (Connects Galt, Preston, Hespeler, Kitchener and Waterloo.)

Pres. Sir Geo. Bury.....Montreal, Que.
V. Pres. M. Milne Todd .....Galt
Sec. H. C. Oswald.....Montreal
Treas. & Claim Agt. W. H. Lutz....Galt
*Gen Mgr. M. W. Kirkwood..... "
Gen. Fgt. & Pass. Agt.
C. J. Whitney..... "
Pur. Agt. F. Darnley .....Preston
Ch. Engr. F. H. Midgley.....Galt
M. M., R. Vondreau.....Preston
Engr. M. of W. J. Deans..... "

Power sta. equip. 1 a. c. C. West. 500 kw. 380 v. 3 ph. 25 cys; 750 hp. e. G. & McC; 600 hp. b. G. & McC; trans. volt 6600 v; trolley volt 600 v; also purchases energy from Hydro-Elec. Pwr. Comn. of Ont.

Power sta. and repair shop at Preston.

Reaches and owns Idylwild Park.

21 miles; 4-8½ g; 10 passenger motor cars and 2 other motor cars; 3 elec. locos. (Passenger and freight service.) ★127

1260—Lake Erie & Northern Railway—Main office, Galt. (Leased for 999 years to Canadian Pacific Ry.) (Operates between Galt, Glenmorris, Paris, Brantford, Waterford, Simcoe and Port Dover, connecting with the main line of the Canadian Pacific Ry. at Galt.)

Pres. E. W. Beatty.....Montreal, Que.
V. Pres. M. Milne Todd.....Galt
Treas. Lloyd Harris.....Brantford
Asst. Sec., Treas. & Claim Agt.
W. H. Lutz.....Galt
*Gen. Mgr. M. W. Kirkwood..... "
Gen. Fgt. & Pass. Agt. C. J. Whitney "
Pur. Agt. F. Darnley.....Preston
Ch. Engr. F. H. Midgley.....Galt
M. M., R. Vondreau.....Preston
Engr. M. of W., J. J. Morissey, Brantford

Energy purchased from Hydro-Elec. Pwr. Commission of Ont.

Sub-stas. at Galt, Simcoe and Brantford; repair shops, Preston; trolley volt. 1500 v.

51 miles; 4-8½ g; 4 motor pass. cars and 6 trailers; 2 other motor cars; 2 60-ton elec. locos; 12 other cars. ★127

GANANOQUE. 3,804.
(See No. 1274.)

GUELPH. 16,000 (1912).
(See also No. 1288.)

1261—Guelph Radial Ry. Co. (Munic.)—Office, Guelph.

Pres. J. W. Lyon.....Guelph
V. Pres. W. E. Buckingham..... "
Sec. H. Westoky..... "
Treas. C. E. Howitt..... "
*Gen. Mgr. A. H. Foster..... "
M. M., D. Emslie..... "

Purchases energy from Hydro-Electric Pwr. Comn. of Ont; trolley volt. 550-600 v.

Repair shop at Waterloo Ave., Guelph.

Reaches Riverside Park (owned by city.)

8.83 miles; 4-8½ g; 13 motor and 4 other cars. 127

HAMILTON. 101,000 (1913).

1262—Brantford & Hamilton Elec. Ry.—Office, Hamilton Terminal Bldg. (Connects Hamilton, Ancaster, Alberton, Cainesville and Brantford.) (Controlled by the Dominion Pwr. & Transmission Co., Ltd.)

Energy from Hamilton Cataract Pwr., Lt. and Trac. Co.'s De Cew Falls plant, 40,000 v. 3 ph. 66 cys. trans.

23 miles in operation; 4-8½ g; 10 cars. 127

1263—Dominion Pwr. & Transmission Co., Ltd.—Office, Terminal Bldg. (Controls Hamilton Cataract Pwr. Lt. & Trac. Co., the Hamilton Elec. Lt. & Pwr. Co., Hamilton St. Ry. Co., Hamilton Radial Elec. Ry. Co., Hamilton & Dundas St. Ry., Hamilton, Grimsby & Beamsville Elec. Ry. Co., Brantford & Hamilton Elec. Ry. Co., Western Counties Elec. Co., Lincoln Elec. Lt. & Pwr. Co. and Welland Elec'l Co.)

Pres. J. R. Moodie.....Hamilton
V. Pres. Cyrus A. Birge..... "
Sec., Mng. Dir. & Ch. Engr.
Wm. C. Hawkins..... "
Treas. James Dixon..... "
*Gen. Mgr. Edw. P. Coleman... "
Ch. Acctn. Geo. D. Fearman... "
Supt. Ry. Dept.
Geo. E. Waller..... "
Supt. St. Ry. Div.
William Parker..... "
Claim Agt. F. B. Griffith..... "
Pur. Agt. J. B. Griffith..... "
Supt. of Const. C. K. Green.... "
Gen. Supt. Lt. & Pwr.
W. G. Angel..... "

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M. M. J. O. Binkley
Terminal Sta., Hamilton
Power sta. equip. 11 d.c. C. G. E, Westg. tot. 3950 kw; 14 a. c. G. E, C. G. E, Westg. tot. 33,050 kw. 2400 v. 3 ph. 66⅔ cys; 5000 hp. e. G. & McC; 5000 hp. b. Edge; 40,300 hp. turb. (wtr.) Riva-Mouneret, Kennedy, Voight; 20,000 kw. turb. (stm.) C. West; trans. volt. 40,000 v; trolley volt. 600 v.
Power sta. at Power Glen, near St. Catherines, Hamilton and Brantford; repair shops at Hamilton.
107 miles: 4-8½ g; 134 cars. (Co. sells energy for lighting.) 127

1264—Hamilton, Grimsby & Beamsville Ry. Co.—Office, Terminal Bldg. (Controlled by the Dominion Pwr. & Transmission Co., Ltd. which see for officers.)
Energy purchased from H. C. Pwr., Lt. & Trac. Co.
Repair shop at Hamilton.
22 miles: 4-8½ g; 12 cars. 127

1265—*Hamilton Mountain Park Co., Ltd.—(Operates incline railway for transporting, passengers, freight, etc., up the "Mountain").
Energy purchased from Munic. Hydro-Elec. Dept.
1754 feet; 12-1½ g; 2 cars (double-geared electric incline hoist). 75j

KINGSTON. 18,874 (1911).

1266—Kingston, Portsmouth & Cataraqui Elec. Ry. Co.—Office, King St.
Pres. H. W. Richardson.....Kingston
Sec. & Treas. W. F. Nickle.... "
*Supt. & Pur. Agt. H. C. Nickle "
M. M., A. E. Oakes ..... "
Park Mgr. D. P. Branigan..... "
Energy purchased from City of Kingston.
Repair shops at Kingston.
Controls Lake Ontario Park.
8 miles; 4-8½ g; 23 cars. 127

KINGSVILLE. 1,497 (1911).

1267—The Windsor, Essex & Lake Shore Rapid Ry. Co.—Office, Kingsville. (Controlled by Dominion Traction and Lighting Co., Ltd.) (Connects Windsor, Essex, Kingsville and Leamington.)
Pres. W. C. Crawford .....Chatham
*1st V. Pres., Gen. Mgr., Pur. Agt. & Park Mgr. A. Eastman.....Kingsville
2d V. Pres. Jno. Piggott..... ..Chatham
Sec. W. R. Phillimore..... "
Treas. J. W. McColl.....Toronto
Audr. J. L. Baird.....Kingsville
Supt. C. P. Cooper..... "
Traffic Mgr. E. S. Hughes..... "
Ch. Engr. A. Baltzer..... "
Ch. Engr. Pwr. Sta. F. Walsh.. "
M. M., J. Carnegie..... "
Supt. Line Dept. C. Peterson... "
Power sta. equip. 2 a .c. Westg. tot. 1000 kw. s. ph. 25 cys; 1500 hp. e. G. & McC, Cor. C. C; 1400 hp. b. C. Fdy; trolley volt. 6600 v. s. ph.
Power sta. and repair shops, Kingsville.
Reaches Casino and Park at Kingsville on-the-Lake.
38 miles; 4-8½ g; 7 motor, 1 electric express, 4 trail pass., 2 trail express and 20 other cars; 1 electric locomotive. ★127

KITCHENER. 15,196 (1911).

1267a—The Kitchener & Northern Ry. Co.—Office, 90 King St, West. (Connects Kitchener and Bridgeport.)
*Pres. W. H. Breithaupt..... Kitchener
V. Pres. Geo. M. Shirk.....Bridgeport
Sec., Treas. & Gen. Mgr.
J. H. Wuest.....Kitchener
Energy purchased from city.
Reaches Riverside Park and Casino at Bridgeport.
2.75 miles; 4-8½ g; 2 motor and 2 other cars. 17

1267b—Kitchener & Waterloo St. Ry. (Munic.)—Office, 169 King St., West. (Operated by the Kitchener Lt. Comm. Has traffic agreement with Preston & Kitchener St. Ry. Connects Kitchener, Waterloo and Bridgeport.)
Chmn. Lt. Comm. G. Lippert...Kitchener
Sec. & Treas. G. H. Clarke
169 King St., W. "
*Supt. V. S. McIntyre..... "
M. M., W. G. Sinclair..... "
Energy purchased from Hydro-Elec. Pwr. Comn. of Ont. (Niagara System); trans. volt. 13,200 v. 3 ph. 25 cys; 3 rot. conv. West. tot. 825 kw; trolley volt. 550 v.
Sub. sta. and repair shop at Kitchener.
Controls and reaches park in Bridgeport.
6 miles; 4-8½ g; 10 motor and 4 trail cars. ★127

LONDON. 46,300 (1911).

1268—London & Lake Erie Ry. & Transpt. Co.—Office, Horton St., London. (Connects London, St. Thomas, Port Stanley, Lambeth, Scottsville, Talbotville and Union.)
Pres. Geo. B Woods.....Toronto
V. Pres. T. H. Purdom.....London
*Sec., Treas., Gen. Mgr. & Pur. Agt. W. N. Warburton.... "
Audr. C. Newton..... "
Engr. Ovhd. Constr.
E. Rapson..... St. Thomas
M. M., F. Morley..... "
Roadmaster. W. Evans..... "
Energy purchased from Hydro-Elec. Pwr. Comn; trans. 13,200 v; trolley volt. 300 v. Repair shop at St. Thomas.
Reaches Port Stanley Park.
28 miles; 4 8½ g; 20 motor and 5 other cars. 67

1269—The London & Port Stanley Ry. (Munic.), Office, Philip & Maitland Sts. (Extends south from City of London through the Villages of Westminster, Glanworth and Yarmouth, City of St. Thomas, Village of Whites and terminates in Village of Port Stanley. Controlled and operated by London Railway Commission)
Chrmn. Commn.
Sir Adam Beck, K. B.....London
Mayor, H. A. Stevenson..... "
Hon. Sec. Wm. Spittal..... "
Commrs. } M. D. Fraser..... "
} Phillip Pocock..... "
*Treas. & Mgr. J. E. Richards... "
Audr. D. L. Welch ..... "
Supt. Transp. G. H. Northcott.... "
Engr. M. of W., D. M. Morrison. "
M. M., C. E. Lenhart..... "
Energy purchased from Hydro-Elec. Pwr. Comn. of Ont.; trans. volt 13,200 v. 3 ph. 25 cys; trolley volt 1500 v. d. c. (catenary).
Car barns and repair shops at London.
Reaches and owns Port Stanley Park.
35 miles; 4-8½ g; 7 motor cars and 10 trail cars; 3-60 ton elec. freight locos, 5 box cars and 3 cabooses. ★127

1270—London St. Ry. Co.—Office, 708 Dundas St. (Owns Springbank Park Line.)
Pres. Charles Currie.....Akron, O.
V. Pres. T. H. Smallman..... London
*Sec. & Treas. Leonard Tait..... "
Mgr & Pur. Agt. C. B. King.... "
Supt. H. H. Humeston..... "
M. M., H. Welburn..... "
Supt. Track A. M. Daniel..... "

Purchases energy from Hydro-Elec. Pwr. Commission of Ont; trolley volt. 550 v.
Repair shop at Lyle St., London.
Reaches Springbank Park.
35 miles; 4-8½ g; 54 motor and 5 trail cars. 18

NIAGARA FALLS. 9,348 (1911).

(See also No. 1291.)

1271—The Niagara Spanish Aerocar Co., Ltd.—Office, 41 Erie Ave. (Operates aerial cableway, for tourists, spanning the gorge in which the Whirlpool at Niagara Falls is located. Connects with International Ry. Co. and Niagara Gorge R. R. Co.)

Pres. —— —— .....Niagara Falls
V. Pres. Gonzalo Torres.... " "
*Sec., Treas. & Mgr.
Herbert Ballard..... " "
Supt. James C. Groom..... " "
M. M., James R. Brown ... " "
Engr. M. of W.
Calvin Stevens..... " "
Energy purchased from Stamford Hydro-Electric Co., Thompson's Point; 1 motor West. 75 hp. 3 ph. 25 cys.
1780 ft; sextuple cable; 1 car. ★127

1272—Whirlpool Rapids Elevator Co. (Lessee Whirlpool Rapids Incline.)—Office, 200-204 Gluck Bldg., Niagara Falls, N. Y. (An incline railway running from top of bank on the Canadian side to the gorge, a distance of about 300 feet, and used to convey passengers.)
*Treas. W. Laughlin..Niagara Falls, N.Y.
Energy furnished by International Ry. Co: 50 hp. motor
300 ft; cars operated by Otis electric elevator equipment. 77

NORTH COBALT.

1273—Nipissing Central Ry.—Office, North Cobalt. (Connects Cobalt, North Cobalt, Haileybury, New Liskeard and Kerr Lake.)

Pres. J. L. Englehart.....Toronto
Sec. & Treas. W. H. Maund..... "
Audr. H. H. McGee.....North Bay
*Supt. K. McDonald.....North Cobalt
Supt. of Traffic, W. A. Griffin.North Bay
Claim. Fgt. & Pass. Agt.
A. J. Parr..... "
Pur. Agt. W. A. Graham..... "
Ch. Engr. S. B. Clement..... "
Purchases energy from The Northern Ontario Lt. & Pwr. Co.; trans. volt. 4800 v; trolley volt. 550 v.
Reaches Athletic Park, North Cobalt.
15.37 miles; 4-8½ g; 8 motor cars and 1 other car. ★127

OSHAWA. 7,436 (1911).

1274—The Oshawa Ry. Co.—Office, Gananoque. (Connects Oshawa and Oshawa-on-the-Lake.)

Pres. E. Walter Rathbun..... Deseronto
Sec., Treas. & Audr.
J. H. Valleau .....Gananoque
*Mgr., Gen. Fgt. & Pass., Claim & Pur. Agt. H. W. Cooper.. "
Supt. J. J. Callaghan.....Oshawa
Agt. C. S. Lee..... "
Roadmaster, H. A. Cooper .. Gananoque
Energy purchased from Hydro-Elec. Pwr. Comn. of Ont; 2 d. c. West. tot. 600 kw.
Repair shops at Oshawa.
Reaches Lake Ontario Beach, Oshawa-on-the-Lake.
14 miles; 4-8½ g; 5 motor and 14 other cars. 67

OTTAWA. 110,000 (1914).

(See also No. 1295.)

1276—The Ottawa Elec. Ry. Co.—Office, 248 Albert St. (City line; suburban line to Britannia, 5 miles from city.) (Controlled by Ottawa Trac Co., Ltd.)

Pres. T. Ahearn .....248 Albert St.
V. Pres. Warren Y. Soper.. "
Sec. & Treas. Jas D. Fraser "
Supt. & Ch. Agt.
F. D. Burpee..... "
Actg. Supt. Geo. W. Lang .. "
Asst. Supt. J. M. Ahearn... "
Audr. H. T. Burpee..... "
Pur. Agt. D. N. Gill..... "
Elec. Engr. M.C.O'Donnell..337 Albert St.
Ch. Engr. Pwr. Sta.
W. H. Baldwin.. .....Middle St.
M. M., R. A. Baldwin..... 339 Albert St.
Power sta. equip. 2 d. c gen. and 5 mot. gen. West. tot. 6000 kw; 4000 hp. turb (wtr.) S. & B. S. V. & Co., Smith; stor. bat; also purchases energy; trans. volt. 2200 v; trolley volt. 550 v.
Aux. stm. plant; 1 turbo-gen. West. 4000 kva. 2400 v; 3 b. — hp. Bab. & W.
Power sta., Middle St.; repair shop, Albert St.
Owns Britannia-on-the-Bay Park and reaches Rockliffe Park.
55 miles; 4-8½ g; 135 motor cars and 53 other cars. 127

1277 — Ottawa Trac. Co., Ltd.—(Controls The Ottawa Elec. Ry. Co.)

Pres. T. Ahearn.....Ottawa
V. Pres. Warren Y. Soper..... "
*Sec. & Treas. James D. Fraser.. "
Audr. H. T. Burpee..... "
127

PETERBORO. 18,360 (1911)

1278—The Peterboro Radial Ry. (Munic.)—Office, 289 George St., Peterboro. (In 1916, road purchased by Ontario Government, and now operated by the Hydro-Elec. Pwr. Comn. of Ontario.)

Commrs. { Chmn. Sir Adam Beck, K. B., London
Hon. I. B. Lucas, M.P.P. Markdale
W. K. McNaught, C.M.G., Toronto

Sec. W. W. Pope..... "
*Ch. Engr. F. A. Gaby..... "
Local Mgr. W. G. Ferguson.....Peterboro
Roadmaster, J. McCann..... "
Energy from Hydro-Elec. Pwr. Comn. of Ont; trolley volt. 550 v.
6 miles; 4-8½ g; 20 cars, 2 snow sweepers. 2 wing plows. ★127

PORT ARTHUR. 18,000 (1913).

(See also No. 1258.)

1279 — Port Arthur Civic Railway. (Operated by Public Utilities Comn.)—Office, Whalen Bldg. (Operates in Port Arthur and connects this city with Ft. William.)

Chmn. Comn.
I. L. Matthews .....Port Arthur

Commrs. { A. E. Wideman.. "
Malcolm C. Campbell "
Mayor, D. J. Cowan "
Sec. & Pur. Agt.
Geo. H. Rapsey "

Treas. D. McIvac..... "
Audrs. McIntosh & Hyde.. .....Toronto
*Mgr. Malcolm M. Inglis.....Port Arthur
M. M., F. Philip ..... "
Roadmaster
Jas. Dillon, Car Barns..... "
Purchases energy from Hydro-Electric Power Comn.; 3 d.c. S. & H. Allis-C. tot. 1150 kw; 200 hp. turb. (wtr.); trolley volt. 600 v.
18.33 miles; 4-8½ g; 23 motor, 2 trail. 2 work cars and 1 air-equipped snow

plow. (City manages lighting and telephone utilities.) 77

PORT DOVER. 1,138 (1911).
(See No. 1260.)

PORT STANLEY. 891 (1911).
(See No. 1269.)

PRESTON. 4,923.
(See Nos. 1259 and 1260.)

ST. CATHARINES. 17,000 (1913).

1280—Niagara, St. Catharines & Toronto Ry. Co.—(Controls the Port Dalhousie, St. Catharines & Thorold Elec. St. Ry. and Niagara Falls, Wesley Park & Clifton Tramway Co.)
Pres. D. B. Hanna.....Toronto
V. Pres. J. D. Morton..... "
Sec. & Treas. A. J. Mitchell..... "
*Mgr. E. F. Seixas.....St. Catharines
Gen. Pass. Agt. R. L. Fairbairn..Toronto
Gen. Fgt. Agt. P. Mooney ..... "
Supt. W. Robertson.....St. Catharines
Acc'nt. D. J. McIntosh.... "
M. M., A. N. Pay..... "
Roadmaster, Jno. Carey... "
Energy purchased from Electrical Development Co., Niagara Falls; trans. volt. 11,000 v; trolley volt. 600 v.
Repair shop at St. Catharines.
Operates amusement park at Port Dalhousie.
78 miles (electric and steam); 4-8½ g; 55 pass. cars, 58 freight cars, 8 locos., 3 cabooses, 3 snow plows and 1 sweeper. ★127

ST. THOMAS. 14,054 (1911).

1281—St. Thomas Munic. St. Ry.—Office, City Hall.
*Sec. & Treas. M. R. Barkwell St. Thomas
Audr. H. T. Gough..... "
Gen. Mgr.
J. F. Daugherty, Car Barns "
Ch. Engr. M. Ferguson..... "
Ch. Engr. Pwr. Sta. John Roberts "
M. M. Lorne Murphy, Car Barns "
Roadmaster Thos. Shearing.. "
Power sta. equip. 3 d. c. C. G. E. tot. 250 kw; 250 hp. e. Robb; 300 hp. b. White; trolley volt 550 v.
Power sta. and repair shops at St. Thomas.
Reaches Pinafore Park, owned by city.
7.5 miles; 4-8½ g; 16 cars. 127

SARNIA. 9,947 (1911).

1282—Sarnia St. Ry. Co. Ltd.—Office, 119 Front St. (Connects Sarnia and Point Edward.)
Pres. James Flintoft, Christina St., Sarnia
V. Pres. W. B. Collins..... "
*Sec. Treas. Mgr. & Pur. Agt.
Geo. E. Wadland..... "
Audrs. W. R. Paul..... "
H. Ingram..... "
Elec. Engr. & Engr. Ovhd. Constr.
J. R. Henderson..... "
Roadmaster
Wm Hazen.....123 Proctor St. "
Energy purchased from Sarnia Hydro-Elec. System; 1 rot. conv. Swedish Elec. 300 kw; trolley volt. 500-600 v.
Sub-sta. centre of line on Maxwell St.; repair shop, No. Front St.
Reaches and owns Lake Huron Park.
9.25 miles; 4-8½ g; 10 motor pass. cars and 1 other car. (Installing 500 kw. rot. conv.) ★127

SAULT STE. MARIE.

10,984 (1911).
(See also No. 501.)

1283—The International Transit Co.—Office, Sault Ste. Marie, Ont. (Connects Sault Ste. Marie and Steelton; operates a ferry between "Soo," Ont., and "Soo," Mich.) (Controlled by Great Lakes Pwr. Co., Ltd.)
Pres. J. O. Heyworth, Harvester Bldg., Chicago, Ill.
V. Prests. Martin J. Insull, 72 W. Adams St., " "; John A. McPhail, Sault Ste. Marie, Ont.
Sec. Philip L. James, 1st Nat. Bk. Bldg., Lake Forest, Ill.
Treas. R. L. Waite, 72 W. Adams St., Chicago, Ill.
Audr., Pur., Claim & Gen. Fgt. & Pass. Agt. W. T. Scott..Sault Ste. Marie, Ont.
*Gen. Mgr. A. E. Pickering.... " "
Supt. C. O. Weldon.. " "
Purchases energy from Great Lakes Pwr. Co., Ltd; trolley volt 550 v.
Repair shop at Sault Ste. Marie, Ont.
4.39 miles; 4-8½ g; 8 motor and 4 other cars. ★127

SUDBURY. 8,000.

1284—Sudbury, Copper Cliff Suburban Elec. Ry.—Office, O'Connor Blk. (Connects Sudbury and Copper Cliff.)
Pres. J. J. MacKey.....Sudbury
V. Pres. J. A. Morin..... "
Sec. M. J. Powell..... "
*Treas. & Gen. Mgr. L. O'Connor. "
Audr. W. J. Ross..... "
M. M., W. E. Massie..... "
Roadmaster, B. Legasse..... "
Energy purchased from Wahnapitae Pwr. Co., Ltd., 1 d. c. C. G. E. 300 kw; trans volt. 2200 v; trolley volt. 550 v.
7.2 miles; 4-8½ g; 4 motor cars. 67

TORONTO. 500,000 (1913).
(See also Nos. 1045, 1280 and 1291.)

1285—Schomberg & Aurora Ry.—Office, 88 King St. East. (Connects Schomberg, Kettleby and Eversley.)
Pres. Sir Wm. Mackenzie.....Toronto
V. Pres. Frederic Nicholls..... "
Sec. & Treas. J. C. Grace..... "
Audr. J. M. Smith..... "
Gen. Mgr. W. H. Moore..... "
*Asst. Gen. Mgr. Chas. L. Wilson "
Gen. Fgt. & Pass. Agt.
F. S. Livingston..... "
Pur. Agt. Walter C. Douse..... "
Elec. Engr. Wm. B. Boyd "
M. M., A. M. Smith..... "
Roadmaster, W. Rose..... "
Engr. Ovhd. Constr.
J. H. Middlebrook..... "
Energy purchased from Toronto & York Radial Ry. Co. 1 d. c. G. E. 500 kw; trans. volt. 4100 v. 3 ph. 25 cys.
Sub-sta. near Schomberg.
14.4 miles; 4-8½ g; rents cars from Toronto & York Radial Ry. Co. ★127

1286—Toronto Civic Ry.—Office, Room 318, City Hall, Toronto. (Operates on Gerard and Bloor Sts. and on St. Clair, Danforth and Lansdowne Aves.)
Gen Mgr. R. C. Harris.....City Hall
*Supt. D. W. Harvey..... "
Ch. Clerk, W. Hocking ..... "
Traffic Mgr. Chas. H. Batchelor "
Power sta. equip. 4 d. c. Can. Westg. tot. 500 kw; 4 a. c. Can. Westg. tot. 2000 kw. 13,200 v. 3 ph. 25 cys; energy from Toronto Hydro Elec. System; trans. volt. 13,200 v. a. c; trolley volt. 600 v.
Repair shops, Danforth & Coxwell Aves.
21.05 miles; 4-10½ g; 32 motor cars. ★127

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1287—Toronto Ry.Co.—Office, 93 King St., E. Toronto.
Pres. Sir Wm. Mackenzie..1 Toronto St.
V. Pres. Col. Frederic Nicholls, King & Simcoe Sts.
Sec. & Treas. J. C. Grace 92 King St. East.
*Gen. Mgr. R. J. Fleming... "
Claim Agt. James H. Forrest "
Pur. Agt. H. H. Beasley..... "
Supt. James Gunn..... "
Ch. Engr. Farley G. Clarke, 12 Adelaide St.
M. M., W. R. McRae....92 King St., East
Roadmaster, James G. Smith "
Engr. Ovhd. Constr.
O. V. Anderson.....12 Adelaide St.
Energy purchased; repair shop at Frederick and Front Sts.
130.719 miles; 4-10⅞ g; 808 motor and 164 other cars. 127

1288—Toronto Suburban Ry. Co.— Office, 2396 Dundas St., W. Toronto. (Connects Toronto, Weston, Lambton Mills, Woodbridge, Thistletown and West Toronto; also Lambton Mills, Huttonvale, Norval, Georgetown, Acton and Guelph.)
Pres. Allan H. Royce.....Toronto
V. Pres., Sec., Treas. & Gen. Mgr. Geo. C. Royce.....W. Toronto
*Asst. Mgr. W. J. Radford.... "
Claim & Pur. Agt. Robert Gilbert..... "
Gen. Exp. Agt. Frank Butcher..... "
Elec. Engr. S. Roseveare .... "
M. M., J. W. Walker..... "
Roadmaster Frank Lindsay 936 Keele St., "
Energy purchased from Toronto Power Co; 3 rot. conv. C.G.E. tot. 1700 kw; trans. volt. 13,000-2200 v. a. c; trolley volt. 600 v.
Sub-sta. at West Toronto; repair shops at West Toronto and Lambton.
Owns Lambton Park.
64.32 miles; 4-8½ g; 24 pass. motor and 3 other motor cars: 2 express cars. (Co. does lighting and power business.) ★127

1289 — Toronto & York Radial Ry. Co.—Office, King & Church Sts. (Consists of three divisions, Metropolitan, Mimico and Scarboro. Connects Toronto, Thornhill, Richmond Hill, Aurora, Newmarket, Queensville, Keswick, Roche's Point, Jackson's Point, Sutton, East Toronto, Scarboro, West Hill, Mimico, New Toronto, Long Branch and Port Credit.)
Pres. Sir Wm. Mackenzie. Can Nor. Bldg., Toronto
V. Pres. Frederic Nicholls..... "
Sec. & Treas. J. C. Grace..... "
Compt. J. M. Smith..... "
Gen. Mgr. W. H. Moore..... "
*Asst. Gen. Mgr. Chas. L. Wilson "
Div. Supts. { Metro Div. L. P. McClelland "; Scar. Div. John Break..Scarboro; Mim. Div. J. F. Deadey..Mimico
Pur. Agt. W. Douse.....Toronto
Supt. Overhead Const. J. H. Middlebrook..... "
Traffic Mgr. F. S. Livingston.... "
Res. Engr. C. P. Van Norman... "
Actg. Res. Engr. Chas. Johnston "
Ch. Elect Engr. W. B. Boyd..... "
M. M. A. M. Smith... ..... "
KESWICK STA. EQUIP.—4 d. c. C. G. E. tot. 800 kw; 500 hp. e. A. & S; 525 hp. b. Polson; trans. volt. 16,000 v; trolley volt. 600 v.
Power stas. at Bond Lake, Newmarket and Keswick; also purchases energy from Toronto Ry.; repair shops at Swansea, E. Toronto and Deer Park.
Owns Bond Lake and Scarboro Heights Parks; reaches Long Branch.
82 miles; 4-8½ & 4-10⅞ g; 93 cars. (Sells energy to Schomberg & Aurora Ry) ★127

WALKERVILLE. 4,500 (1914.)

1290—The Windsor & Tecumseh Electric Ry. Co.—(Connects Windsor, Walkerville, Ford and Tecumseh.) (Leased to the Sandwich, Windsor & Amherstburg Ry.)
Pres. F. W. Brooks.....Detroit, Mich.
Sec. A. E. Peters..... "
Treas. Jos. Bampton..... "
Audr. Irwin Fullerton..... "
Gen. Mgr. & Pur. Agt. James Anderson.....Windsor
Supt. & Elec. Engr. Geo. B. McLeod..... "
Ch. Engr. Pwr. Sta. N. Maitland "
M. M., H. F. Ferguson..... "
Roadmaster James Lynch..... "
Engr. Ovhd. Constr. Edw. Jennings..... "
Power sta. and repair shops, Windsor.
Mileage and cars included in lessee co.'s report. ★127

WELLAND. 9,000 (1914).

1291 — Niagara, Welland & Lake Erie Ry. Co. — 608 Dominion Bank Bldg., Toronto. (Connects Niagara Falls and Welland.)
Pres. H. C. Scholfield.....Toronto
V. Pres. & Gen. Mgr. C. J. Laughlin.....Welland
*Sec. & Treas. H Rooke.....Toronto
Audrs. Clarkson, Gordon & Dilworth..... "
Ch. Engr. Pwr. Sta. H. F. Foster, Welland
Purchases energy from Page Hersey Co.; trolley volt. 550 v.
Reaches Alexandria Park.
5.5 miles; 4-8½ g; 3 motor cars. 116

WELLAND PORT. 141 (1911).

1292 — Dunnville, Welland Port & Beamsville Elec. Ry.—Office, Welland Port. (Will connect Dunnville, Welland Port and Beamsville.) (Negotiations on whereby the road may be completed by the Hydro Elec. Pwr. Commission of Ont and operated in connection with other hydro radial lines.)
*Pres. James A. Ross.....Welland Port
Sec. M. R. Campbell..... "
Ch. Engr. Edmund Wragge Traders Bank Bldg., Toronto
23 miles. (Under construction.) 77

WINDSOR. 25,000 (1914).
(See also No. 1267.)

1293—Sandwich, Windsor & Amherstburg Ry.—Office, 14 Sandwich St. (Operates under lease The Windsor & Tecumseh Elec. Ry.) (Controlled by the Detroit United Ry., Detroit, Mich.) (Connects Tecumseh, Ford, Walkerville, Windsor, Sandwich, Ojibway and Amherstburg.)
Pres. J. C. Hutchins.....Detroit, Mich.)
V. Pres. F. W. Brooks.... " "
Sec. A. E. Peters..... " "
Treas. Jos. Bampton..... " "
Audr. Irwin Fullerton.... " "
*Gen. Mgr. & Pur. Agt. Jas. Anderson.....Windsor
Supt. Geo. McLeod..... "
Ch. Engr. Pwr. Sta. N. Maitland "
M. M., H. F. Ferguson..... "
Roadmaster. James Lynch..... "
Engr. Ovhd. Constr. Edw. Jennings "
Power sta. equip. 1 d. c. Allis C. 400 kw; 2 a. c C. G. E. tot. 1000 kw. 3 ph. 60 cys; 2000 hp. e. G. & McC: 500 kva stm. turb. G. & McC; 1000 hp. b. G. & McC, Robb; trans. volt. 1100 v. a.c.—500 v. d. c.
Power stas. and repair shop, London St., Windsor.
41.342 miles; 4-8½ g: 56 motor pass. and 6 other motor cars; 4 trail pass. cars and 13 other cars. Company furnishes energy for lighting. ★127

WOODSTOCK. 9,330 (1911).

1294—Woodstock, Thames Valley & Ingersoll Elec. Ry. Co.—Office, 365 Dundas St., Woodstock. (Connects Woodstock, Beachville and Ingersoll.)
Local Supt. Ira Warfield.....Woodstock
Power sta. equip. 2 d. c. Thresher tot. 220 kw; 300 hp. e. Leonard; 300 hp. b. Leonard, Erie; trolley volt. 575 v.
Power sta. and repair shop 1 mile west of Woodstock.
Owns and operates Fairmount Park.
12 miles; 4-8½ g; 7 cars. 115

QUEBEC.

AYLMER. 3,109 (1911).
(See No. 1295.)

HULL. 21,000 (1913).

1295—Hull Elec. Co.—Office, 117 Main St. (Connects Ottawa, Hull and Aylmer.)
Pres. A. D. MacTier.....Montreal
*V. Pres. & Gen. Mgr.
G. Gordon Gale.....Hull
Sec. & Treas. W. L. Wright.....Montreal
Supt. Distrbn. A. V. Gale.....Hull
Supt. Transpt. A. E. Meech..... "
Engr. Pwr. Sta. N. E. Beaudry. Deschenes
Roadmaster, H. F. McKenney.. "
M. M. W. J. Craig..... "
Power sta. equip. 3 d. c. C. G. E. tot. 950 kw; 4 a. c. C. G. E. tot. 1900 kw. myc. & 3 ph. 60 cys; 2 mo.-gen. sets tot. 750 kw. 2300-600 v. d. c; 4015 hp. turb. (wtr.) Trump, new Am; trans. volt. 10,000 v; trolley volt. 600 v. Energy also purchased from Ottawa & Hull Pwr. & Mfg. Co. Ltd.
Power sta. and repair shop at Deschenes. Sub stas. at Hull and Aylmer.
Owns and controls Queen's Park.
27.5 miles; 4-8½ g; 34 motor, 9 trailers and 10 other cars. Company furnishes lighting. 127

LEVIS. 7,452 (1911).

1296—The Levis County Ry.—Office, 127 Commercial St., Levis. (Extends from Lauzon, St. Joseph, Bienville, Levis, St. Romuald, New Liverpool to Quebec Bridge.)
Pres. S. H. Ewing
142 Notre Dame St., West. Montreal
V. Pres. J. C. Blouin.....Levis
Sec. & Treas. E. A. Macnutt
142 Notre Dame St., West, Montreal
Asst. Sec. Sharpe, Milne & Co.. Power Bldg. "
*Gen. Mgr. & Pur. Agt.
H. E. Weyman.....Levis
Supt. & Engr. M. of W.
A. Chandonnet..... "
Claim & Gen. Fgt. & Pass. Agt.
H. S. C. Moffatt..... "
M. M., D. Chenard..... "
Energy purchased from Can. Elec. Lt. Co.; trans. volt. 11,000 v. 3 ph; trolley volt. 550 v.
Repair shops, Fraser St., Levis.
11.5 miles; 4-8½ g; 17 motor pass. and 5 other motor cars; 3 other cars. ★127

MONTREAL. 600,000 (1912.)
(See also Nos. 499, 690, 1304, 1305, 1327 and 1334.)

1297—The Canadian Northern Ry. Co. (Montreal Tunnel & Terminals.)—Gen. Office, Toronto. (Extends from Mount Royal through tunnel to city of Montreal, a distance of 10 miles.)
Pres. Sir William Mackenzie....Toronto
1st V. Pres. Sir Donald Mann.... "
3rd V. Pres. D. B. Hanna..... "
Sec. & Treas. W. S. Moore..... "
Asst. A. J. Mitchell..... "
*Elec. Engr. W. C. Lancaster
411 Dorchester St., W. Montreal
Energy purchased from the Montreal Lt., Ht. & Pwr. Co.; trans. volt. 11,000 v; trolley volt. 2400 v. d. c.
Repair shops, Cartierville.
30 miles; 4-8½ g; 8 motor cars and 6 85-ton elec. locomotives. (Electrification completed but operating electrically in construction work only; passenger service will be inaugurated in summer of 1918.) 127

1298—Montreal & Southern Counties Ry. Co.—Office, 401 Canadian Express Bldg., Montreal. (Connects Montreal, St. Lambert, Longueuil, Chambly, Richelieu, Marieville, Rougemont, St. Cesaire, Abbottsford and Granby.)
Pres. Howard G. Kelley.....Montreal
V. Prests. { J. E. Dalrymple..... "
V. Prests. { Treas. Frank Scott .. "
Sec. James A. Yates..... "
Asst. J. P. Hudson..... "
*Gen. Mgr. W. B. Powell..... "
Ch. Engr. & Gen. Supt.
G. J. Meyer.....St. Lambert
Claim Agt. T. W. R. McRae....Montreal
Pur. Agt. Geo. W. Caye..... "
Roadmaster, W. H. Maxwell..St. Lambert
Purchases energy from Montreal Lt., Ht. & Pwr. Co.; trans. volt. 25,000 v; trolley volt. 600 v.
Sub-stas. at St. Lambert (3 rot. conv. C. West. tot. 1500 kw.); Chambly (1 mo.-gen. set C. West. 400 kw.); Rougemont (1 mo.-gen. set C. G. E. 300 kw.) and Granby; repair shops at St. Lambert.
Reaches Pine Grove, Chambly Canton, Que.
56.5 miles; 4-8½ g; 37 motor and 6 other cars. ★127

1299—Montreal Tramways Co.—Office, 78 W. Craig St. (Controlled by the Montreal Tramways & Pwr. Co.)
Pres. E. A. Robert.....Montreal
V. Prests. { J. W. McConnell..... "
V. Prests. { F. H. Wilson..... "
Sec.-Treas. Patrick Dubee..... "
Audr. J. G. Robson..... "
*Gen. Mgr. J. E. Hutcheson.... "
Compt. H. E. Smith..... "
Supt. A. Gaboury..... "
Supt. Const. & Ch. Engr.
W. F. Graves..... "
Claim Agt. A. E. Shaw..... "
Pur. Agt. D. Robertson ..... "
Supt. Pwr. Plants. A. S. Byrd... "
Supt. Rolling Stock,
D. E. Blair.....Youville
Gen. Fgt. Agt. A. E. Peaple....Montreal
Ch. Engr. Pwr. Sta. J. N. Dick.. "
Power sta. equip. 58 d. c. C. G. E, West, Allis-C. Bull, C-W. tot. 45,500 kw; 2 a. c. G. E. S. G. E. tot. 14,500 kw. 2200 & 13,200 v. 3 ph. 60 cys; 18,000 hp. e. Laurie, Penn, McI. & S; 22,400 hp. b Bab. & W, Adamson, McDougall, Caledonia; 14,500 kw. stm. turb. G. E, Bellies & Morcom; trolley volt. 575 v.
Power stas., William St., Hochelaga, Pointe aux Trembles, St. Henry, St. Denis, Youville, Shawinigan, Cote des Neiges and Cote St. Paul; repair shops at Youville.
270 miles; 4-8½ g: 1221 motor pass. and 25 trail pass. cars: 83 other motor cars: 3 elec. locos: 85 other cars. ★127

1300—Montreal Tramways & Pwr. Co.—Office, 78 W. Craig St., Montreal. (Controls Montreal Tramways Co., Canadian Lt. & Pwr. Co. and various other light and power companies.)
*Pres. E. A. Robert.....Montreal
V. Pres. J. W. McConnell..... "
Sec.-Treas. Patrick Dubee..... "
127

1301—Shawinigan Falls Terminal Ry.—Office, 611 Power Bldg., Mon-

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treal. (A local line connecting Shawinigan Falls with St. Maurice Valley Ry and Canadian Northern Quebec Ry. (stm. road), used for switching only.) (Controlled by The Shawinigan Wtr. & Pwr.) Co.

*Pres. Julian C. Smith.....Montreal
V. Pres. W. S. Hart..... "
Sec. H. G. Budden..... "
Treas. James Wilson..... "
Audr. Sharpe, Milne & Co..... "
Supt. B. G. Wood.....Shawinigan Falls
Pur. Agt. R. J. Beaumont.....Montreal

Energy from The Shawinigan Wtr. & Pwr. Co.; trans. volt. 6600 v. s. ph; trolley volt. 6600 v. a. c; repair shops, Shawinigan Falls.

6 miles; 4-8½ g; 1 motor car. ★18

QUEBEC. 90,000 (1912).

1302 — Quebec Railway, Light & Power Co.—Gen. office, Cor. Crown & St. Joseph Sts. (Owns Quebec St. Ry. Co; operates in Quebec and a suburban line (30 miles, steam and electric) from Quebec to St. Annes and Cap Tourmente.) (Controlled by The Quebec Ry., Lt., Ht. & Pwr. Co.)

Pres. Sir Rodolphe Forget
88 Notre Dame St., Montreal
V. Pres. Lorne C. Webster
Dalhousie St., Quebec
*Sec. A. Le Moine..... "
Treas. Robert A. Wilson..... "
Audrs P. S. Ross & Co.....Montreal
Gen. Mgr. W. J. Lynch.....Quebec
Supt. Ry. R. M. Reade..... "
Claim, Gen. Fgt. & Pass. Agt.
J. A. Everell..... "
Pur. Agt. H. G. Bossé..... "
Ch. Elec. Engr. Lewis Burran..... "
M. M., Peter Quinn..... "
Hydraulic Engr.
Wm. Langford.....Montmorency Falls
Engr. Maint. of Way, C. J. Pigot..Quebec
Park Mgr. M. Kerwin, Montmorency Falls

Power sta. equip. 5 d. c. C. G. E, West, C. W. tot. 2500 kw; 5 a. c. Stan, A. B. C. tot. 3900 kw. 5000 v; 2 ph. 63 cys; 7225 hp. turb. (wtr.) S.-B, Allis-C; trans. volt. 25,000 v; trolley volt. 550 v. Also purchases energy from The Laurentain Pwr. Co.

Main power sta. (water) at Montmorency Falls; sub-stas. at St. Anne de Beaupre, repair shop Quebec.

Owns Kent House Park, Montmorency Falls.

62.91 miles (19.91 city track); 4-8½ g; 146 motor and 200 other cars. (Company does general ltg. and pwr. business.) ★127

1303—The Quebec Railway, Light, Heat & Power Co.—(Owns and operates Quebec Railway, Light & Power Co., the Quebec Gas Co., the Frontenac Gas Co., the Quebec Jacques Cartier Co., and the Canadian Elec. Lt. Co.)

Pres. Sir Rodolphe Forget,
83 Notre Dame St., Montreal
V. Pres. Lorne C. Webster,
Dalhousie St., Quebec
Sec. Arthur LeMoine..... "
Treas. Robert A. Wilson..... "
Gen. Mgr. W. J. Lynch..... "
Audrs. P. S. Ross & Co.....Montreal
★127

SHERBROOKE. 16,405 (1911).

1304—Sherbrooke Ry. & Pwr. Co.—Office, Clement Theatre Bldg., Sherbrooke. (Connects Sherbrooke & Lennoxville.) (Owned by Southern Canada Pwr. Co. Ltd., Montreal.)

Pres. C. J. McCuaig
380 Coristine Bldg., Montreal
Sec. & Treas. Lewis Clark Haskell "
Comptr. Chas. Johnstone..... "
*Supt. Ry. F. X. Couture.....Sherbrooke
Supt. Pwr. F. C. Chisholm... "
Supt. Car Barns T. Quine.... "

Power sta. equip. 2 d. c. C. G. E. tot. 400 kw; 3 a.c. C.G.E. tot. 3000 kw. 2260 v. 3 ph. 60 cys.; 4000 Jenckes turb. (wtr.); trans. volt. 25,000; trolley volt. 600 v.

Power sta. (water) at Sherbrooke, Magog River; repair shop on Lennoxville road.

11.5 miles; 4-8½ g; 18 motor cars, 1 snow plow. (Company does general lighting and power business.) 57

THREE RIVERS. 13,691 (1911).

1305 — Three Rivers Trac. Co.—Office, 611 Power Bldg., Montreal. (Operates in Three Rivers and extends to Cap de la Madeleine.) (A subsidiary of The Shawinigan Wtr. & Pwr. Co.)

Pres. Thos. McDougal.....Montreal
V. Pres. & Ch. Engr.
Julian C. Smith..... "
*Mng. Dir. W. S. Hart..... "
Sec. & Treas. Jas. Wilson..... "
Audrs. Sharpe, Milne & Co..... "
Pur. Agt. R. J. Beaumont..... "
Supt. J. H. McNeill.....Three Rivers

Energy purchased from North Shore Pwr. Co; trolley volt. 550 v.

Car house, St. Maurice St., Three Rivers.

7.05 miles; 4-8½ g; 12 motor cars and 2 other cars. ★127

SASKATCHEWAN.

MOOSE JAW. 13,823 (1911).

1306 — The Moose Jaw Elec. Ry. Co., Ltd.—Gen. office, High St., Moose Jaw.

Pres. A. A. Dion,
35 Sparks St., Ottawa, Ont.
V. Pres. James Manuel..... " "
Sec. & Treas. D. O'Connor.. " "
*Mgr. A. H. Dion.....Moose Jaw
Asst. Mgr. R. W. Moore..... "

Power sta. equip. 3 d. c. tot. 900 kw. 500-600 v; 900 hp. e. Diesel (oil.)

Power sta. and repair shops, cor. 4th Ave. and High St.

Reaches Amusement Park, about 1 mile southwest of city.

14 miles; 4-8½g; 20 cars. ★127

REGINA. 30,213 (1911).

1307—Regina Municipal Ry.

Mayor. H. Black.....Regina
Comr. L. A. Thornton.. ..... "
Treas. J. E. Snowball..... "
Audrs. Gladwell, Wilson & Co..... "
*Supt. D. W. Houston..... "
Claim Agt. G. F. Blair..... "
Pur. Agts., City Comrs..... "
Supt. Pwr. Sta. E. W. Bull..... "
M. M. John Baxter..... "

Power sta equip. 2 d. c. Seimens tot. 800 kw. 600 v; 4 a. c. West. Siemens tot. 880; kw. 2200 v. 3 ph. 60 cys; 6 rect. West. tot. 300 kw; 1680 hp. e. Inglis, G. & McC; 5000 hp. b. Bab. & W; 3500 kw. stm. turb. West.

Power sta., Broad St.; car barn, Albert St.

Reaches Exhibition Grounds (owned by City.)

35 miles; 4-8½ g; 37 motor cars. 30 other cars. (City furnishes energy for lighting and power.) ★127

SASKATOON. 12,004 (1911).

1308 — Saskatoon Munic. Ry.—Office, Ave. C & 25th St. (Connects with Sutherland.)

Sec. A. Gardiner. ...Car Barn, Saskatoon
*Supt. G. D. Archibald, City Hall "
M. M. & Engr. Ovhd. Constr.
D. M. Murray.....Car Barn "

Energy from City Lighting Plant; 2 synchronous mo. gen. sets tot. 600 kw.

with 550 v. C. West. gen; trolley volt. 600 v.

Car Barns at Ave. C. & 25th St.

Reaches Exhibition Park (owned by City.)

16.5 miles; 4-8½ g; 19 motor cars, 1 other car. ★127

NEWFOUNDLAND.

(Letter postage rate same as United States.)

ST. JOHNS. 35,000 (1917.)

1309—St. Johns St. Ry. Co.—Office, Water St. (Owned by Reid Newfoundland Co.)

Pres. & Gen. Mgr.
Sir W. D. Reid.....St. Johns
V. Pres. H. D. Reid..... "
*Sec. Treas. & Supt. R. G. Reid.. "
Audr. H. McNeil..... "
Pur. Agt. H. Crawford..... "
Elec. Engr. J. W. Morris..... "
Ch. Engr. Pwr. Sta.
J. H. Halley.....Petty Harbor
Roadmaster, N. Andrews.....St. Johns

Power sta. equip. 4 a. c. West. tot. 3300 kva. 3 ph. 60 cys; 4000 hp. turb. (wtr.) Voith, Hendenheim; trans. volt. 15,000 v; trolley volt. 500 v.

Water power sta., Petty Harbor, 9 miles from St. Johns.

Repair shops, St. Johns.

7 miles (electric); 3-6 g; 7 motor and 3 other cars. Furnishes energy for lighting and motors. 77

HAWAII.

(See under United States, page 28)

MEXICO. (Rep.)

(Postage rates to Mexico same as United States.)

AGUASCALIENTES.

AGUASCALIENTES. 51,000.

1310—Cia Electricidad y Tranvias de Aguascalientes, S. A.—P. O. box 66.

*Pres. } P. O. Box 756,
Enrique Schoendube... } Mexico City
Gen. Mgr. Georg Hubner...Aguascalientes
Ch. Engr. Fredrico Grimm. "

Power sta. equip. 2 d. c. Ide, West. tot. 240 kw. 550 v; 3 a. c. A. E. G., West. tot. 625 kw. 3000 v. 3 ph. 60 cys; 400 hp. e. (oil) Busch-Diesel; 120 hp. e. (stm.); 200 hp. e. (gas) Koerting; 400 hp. gas pro. Koerting; 200 hp. b; 2600 amp. hr. stor. bat. Hagen 550 v; trans. volt. 3000 v; trolley volt 550 v.

11.16 miles; 4 8½ g; 11 motor and 8 other cars. Furnishes light and power. 26d

CHIHUAHUA.

CITY OF CHIHUAHUA. 39,661 (1907).

1311—Compania Electrica y de Ferrocarriles de Chihuahua, S. A.—(Consolidation of Compania Tranvias de Chihuahua and the Ferrocarril Mineral de Chihuahua (steam); also purchased Cia Industrial Mexicana.)

Pres. ————————————
V. } Juan B. Baca.....Chihuahua
Prests. } Col. R. Ornelas..... "
*Sec. Enrique Gonzalez..... "
Treas. S. Vargas, hijo..... "
Audr. Leonardo Gonzalez Garza "
Gen. Mgr. E. R. Lozano..... "
Elecl. Engr. G. Salcido..... "
Engr. Pwr. Sta. José G. Clift. "
Roadmaster, G. Monzón..... "

Power sta. equip. 3 a. c. G. E, Allis-C. tot. 1400 kw. 2300 v. 2 ph. 60 cys; 1500 hp. e. Industrial; 1000 hp. b. Heine; 500 kw. (stm.) turb. Allis-C; trans. volt. 2300 v; trolley volt. 550 v.

Power sta. and repair shops at Chihuahua.

Reaches four parks.

10.56 miles elec., 14.28 miles steam; 4-8½ g: 18 motor and 16 other cars; furnishes lighting and power. 65

JUAREZ. 8,218 (1907).

(See No. 1133.)

COAHUILA.

TORREON. 13,845 (1907).

(See No. 1313.)

COLIMA.

COLIMA. 25,148 (1907).

1312—Ferrocarril Urbano De Colima.—Gen. office, Colima. (Connects Villa de Alvarez with Colima.)

*Pres. & Gen. Mgr.
D. G. C. MacNeill.....Colima

Repair shops at Colima.

5.5 miles; 4-8½ g; 36 cars (horse and elec.) 18

DURANGO.

GOMEZ PALACIO. 10,000.

1313—Ferrocarril Electrico de Lerdo a Torreon, S. A.—Office, P. O. Box 24, Gomez-Palacio. (Connects Lerdo, Torreon and Gomez Palacio.)

Pres. Leon Signoret.....Mexico City
V. Pres. & Sec.
Federico Sarinena..... "
Treas. Ulpiano Ruiz Lavin..... Espana
Audr. Pedro de Heras.....Gomez Palacio
*Supt., Pur. Agt. & Elecl. Engr.
Leon Branger..... "

GOMEZ PALACIO STA. EQUIP.—3 d. c. G. E. tot. 450 kw; 2 a. c. G. E. & A. E. G. tot. 450 kw. 3 ph. 60 cys; 1250 hp. e. Allis-C, St. L, Borsig; trans. volt. 2300 v; trolley volt. 550 v.

TORREON STA. EQUIP.—3 d. c. G. E. tot. 292 kw; 1 a. c. A. E. G. 23^0 v. 3 ph. 60 cys; 1600 hp. e. (gas); trans. volt. 6600 v; trolley volt. 550 v.

Power stas. at Torreon and Gomez Palacio; repair shop at Gomez Palacio.

15.2 miles (electric); 4-8½ g; 19 motor pass., 21 trail pass., 5 motor fgt. and 13 fgt. gondola cars. (Company furnishes electric lighting in Lerdo, Gomez Palacio and Torreon.) 66

HIDALGO.

PACHUCA. 38,620 (1907).

1314—Cia de Luz, Fuerza y Ferrocarriles de Pachuca.—Address, Deposito de Franvias. (Connects Pachuca, Real del Monte, Mines of San Rafael, Santa Gertrudias and La Blanca.)
Pres. Joaquin D. Casasus....Mexico City
Treas. Jacinto Pimentel..... " "
Gen. Mgr. T. Branderburg.. " "
Supt. Claim Agt. Gen. Fgt. Pass. & Pur. Agt. Aaron Garcia.....Pachuca
*Ch. Engr. Geo. Schroeder ..... "
M. M. Francisco Chevannier.... "
Roadmaster, Catarino Miranda.. "
Power rented from Mexico Lt. & Pwr. Co.; trans. volt 6000 v; trolley volt. 1000 v. (outside of the city); 500 v. (in the city).
Repair shops at Pachuca.
21 miles (electric); 3-8 g; 5 motor cars, 5 locos. and 60 other cars. 63

JALISCO.

GUADALAJARA. 118,799 (1907).

1315—Cia Hydroelectrica E'Irrigadora del Chapala, S. A.—Office, Fernando Bldg., Guadalajara. (Consol. of Compania de Tranvias Luz y Fuersode and Tranvias de Juanacatlan.)
Pres. Fernando Pimentel y Fagoaga Mexico, D. F.
Sec's. { Eduardo I. Aguilar...Guadalajara
{ Alfredo B. Alcalde.. "
Cashier Francisco Catafio.... "
Audr. Louis Desableaux. . "
Gen. Mgr. Emile Pinson.. } San Fernando
Asst Mgr. Eugene Pinson } Bldg.
Ch. Engr. St. Ry. Dept... } Guadalajara
T. Geelen..... "
Ch. Engr. Ltg. Dept. M. Schiaffino..... ..... "
*Pur. Agt. José Alvarez... "
Elec. { Paul Ponsolle.... "
Engrs. { Eugene Jimbourg "
M. M. Antonio Sansó..... "
Power stas. (hydro-electric) at Las Juntas, Juanacatlan and Puente Grande; tot. hp. 15,000; repair shops, Guadalajara.
Trans. volt. 70,000 and 10,000 v. 3 ph.
Reaches El Paraden Park.
60 miles; 4-8½ g; 110 cars. Company furnishes energy for lighting. 121

MEXICO.

MEXICO CITY. 525,000.

1316—Compania de Tranvias de Mexico, S.A. (Mexico Tramways Co.)—Address 19 Manning Arcade, Toronto, Can., and P. O. Box 134 Bis, Dist. Federal, Mex. (Operates Ferrocarriles del Distrito Federal de Mexico and Cia Mex. de Traccion. Reaches every important suburban town in the Federal District, pop 780,000.) (Controls Mexican Lt. & Pwr. Co.)
Pres. R. C. Brown....Toronto, Ont., Can.
V. { Miller Lash.. " " "
{ Z. A. Lash... " " "
Prests. { H. Malcolm Hubbard, 3 London Wall Bldgs., London, Eng.
Sec. R. H. Merry 19 Manning Arcade, Toronto, Can.
Local Sec. P. Mendez y Mendez Mexico City
Treas. M. G. Fulton..... "
*Mng. Dir. G. R. G. Conway. "
Technical Engr. A. E. Reynolds "
Energy from Mexican Lt. & Pwr. Co.; trolley volt. 600 v; 6 sub-stas. with 12 motor-gen. tot. 11,000 kw; 2 portable sub-stas. tot. 850 kw.
Repair shops, Indianilla.
204 miles elec., 9.5 miles mule; 3 g. & 4-8½ g: 355 elec., 8 mule, 139 freight and 84 funeral cars. (Interurban roads to Toluca (42 miles) and to Puebla (110 miles) under construction.) ★127

TOLUCA. 31,947 (1907).

1317—Tranvias de Toluca.—Address, Apartado 25. (City line only.)
Pres. Eduardo Henkel.....Toluca
*Sec. & Treas. Alberto Henkel... "
Audr. E. Alcantara..... "
Gen. Mgr. Gustavo Henkel ..... "
Gen. Fgt. & Pass. Agt. L. Gonzalez..... "
Pur. Agts. Henkel Bros..... "
M. M., M. Pineda..... "
Roadmaster J. Shutt..... "
Repair shops, Sta. Clara, Toluca.
Reaches park at Colon Road.
8.2 miles. 3-6 g: 48 cars. (Co. does general ltg. & pwr. business through Cia. de Luz Electrica de Toluca.) ★18

NUEVO LEON.

MONTERREY. 81,006 (1907).

1318—Cia. de Tranvias, Luz y Fuerza Motriz Monterrey, S. A. (Monterrey Ry., Lt. & Pwr. Co.) Office, Apartado No. 58, Monterrey, N. L., Mexico. (Operates all the street railway lines in Monterrey. Connects Monterrey and Topo Chico.)
Pres. Sir Wm. Mackenzie { 1 Toronto St., Toronto, Can.
1st V. Pres. { "
Sir Donald Mann ..... "
2d V. Pres. & Gen. Mgr. L. Lukes..... "
Sec. & Treas. R. P. Ormsby "
*Official Repr. J. M. L. MacKay, Monterrey
Audr. R. G. O. Thompson..Toronto, Can.
Supt. M. T. Montgomery.....Monterrey
Engr. Pwr. Sta. C. D. Baxter... "
Power sta. equip. 5 a. c. G. E. tot. 2500 kw. 4000 v. 3 ph. 60 cys; 3 mo.-gen. G. E. West. tot. 900 kw; 2500 kw. stm. turb. G. E; 1500 hp. b. Bab. & W, Atlas; trans. volt. 4000 v; trolley volt. 550 v.
Power sta. cor. Reforma and Alameda Sts., and repair shop. cor. Allende and Juerey Sts.
Reaches Topo Chico, Hot Springs (owned).
25 miles elec.: 4-8½ g: 36 motor and 3 other cars. (Co. does lighting and power business.) ★127

NUEVO LAREDO. 6,548 (1907).

1319—Compania de Tranvias de Nuevo Laredo, S. A.
*Pres. & Gen. Mgr. Juan F. de la Garza.....Nuevo Laredo
V. Pres. Canuto Barreda... "
Sec., Treas., Supt. & Pur. Agt. Luis Varela..... "
Buys power from Laredo (Tex.) Elec. & Ry. Co.
3.5 miles; 4 g: 4 pass. cars and 1 fgt. car. 122

PUEBLA.

PUEBLA. 101,214 (1907).

1320—Cia de Tranvias, Luz y Fuerza de Puebla. (Puebla Tramway, Lt. & Pwr. Co.)—Office, Apartado No. 41. (Consol. Ferrocarril Urbano de Puebla, the Ferrocarril Industrial de Puebla, the Cia Anonima de Alumbrado Electrico de Puebla and the Cia de Luz y Fuerza "El Portezuelo.")

Pres. Sir Clarendon G. Hyde
London, England
Sec. & Treas.
J. H. Macdonald..... " "
Gen. Mgr. J. C. Riach.....Puebla
*Mng. Dir A. E. Worswick
Apartado 515, Mexico City
Power sta. equip. 14 a. c. A. E. G., G. E., West. tot. 20,790 kw. 10,000-4000-2200 v. 3 ph. 60 cys; 6000 kw. turb. (wtr.) Voith; 5000 hp wtr. wh. Pelton; 17,000 hp. turb. (wtr.) Escher. Wyss; trans. volt. 100,000-42,000-30,000 v.
Power stas. at Portezuelo and San Agustin, Puebla and Tuxpango, Vera Cruz.
16 miles; 4-8½ g; 37 cars. (Does general lighting and power business.) 18

SAN LUIS POTOSI.

CATORCE. 9,547.

1321—Cia. del Ferrocarril Ogarrio.—(Connects Potrero, Refugio and Catorce.)
*Pres. Vicente Irizar,
P. O. Box 108, Catorce
V. Pres. & Gen. Mgr.
Roberto Irizar..... "
Sec. & Treas. Pedro de la Maza... "
Supt. Manuel Clamon..... "
Elec. Engr. Salvador Irizar..... "
Power sta. equip. 3 d.c. C. G. E. tot. 300 kw; 1 a.c. C. G. E. 35 kw. s. ph. 60 cys; 160 hp. e. (gas & stm.) Dietz, Otto, McI. & S; 200 hp. b. Union Iron Wks; trolley volt. 500 v.
Power sta. and repair shops, Santa Ana.
14 miles elec.; 3-6 g; 34 cars. 14

SINALOA.

MAZATLAN. 22,000.

1322 — Empresa del Ferrocarril Urbano y Vecinal.—P. O. Box 29. (Controls Linea del Muelle, Linea del Puerto Viejo (1.5 miles under construction) and Ferrocarril Vecinal.) (Connects So. Pacific R. R. Sta., 1½ miles, and cemetery, 3 miles.)
*Prop., Treas., Mgr. & Pur. Agt.
Arthur de Cima.....Mazatlan
Sec. Daniel C. Urrea..... "
Supt. Robert de Cima..... "
Repair shops at Mazatlan car barns.
Owns park at Loma Atravesada.
4.5 miles (mule and steam); 3-6 g; 8 cars. ★87

SONORA.

GUAYMAS. 8,648 (1907).

1323 — *Ferrocarril Urbano de Guaymas.—("La Aurora.")
Repair shops at La Aurora.
Reaches amusement park at La Aurora owned.)
2 miles (horse); 4-8½ g; 9 cars. (Contemplates electrification.) ★127†

TAMAULIPAS.

TAMPICO. 16,313 (1907).

1324—Cia Electrica de Luz, Fuerza y Traccion de Tampico, S. A. (Tampico Elec. Lt., Pwr. & Trac. Ltd.) —Apartado 124, Tampico. (Operates in Tampico and connects Dona Cecilia and Miramar.)
Pres. Henry C. Waters.....London, Eng.
*Mng. Dir. A. E. Worswick
Apartado 515, Mexico City
Sec. M. Schaap ....Tampico
Gen. Mgr. Harvey S. Leach..... "
Pwr. sta. equip. 3 a. c. turbo-gen. A. E. G. Berlin tot. 6000 kw. 2300 v. 3 ph. 60 cys; 6 boilers Bab. & W; trans. volt. 10,000-2300 v; trolley volt. 550 v.
Power sta. and repair shop at Tampico.
12.75 miles; 1.44 meters g. (4-8½); 14 motor cars. 7 other cars. (Co. does a lighting business.) 18

VERA CRUZ.

VERA CRUZ. 29,164 (1907).

1325—Vera Cruz Elec. Lt. Pwr. & Trac. Ltd.—Office, Apartado, No. 112.
Chmn. Vincent York,
43 W. Parliament St., Westminster, S. W., London, Eng.
Dir. J. H. Macdonald..... " "
*Mng. Dir. A. E. Worswick
Box 515, Mexico City
Gen. Mgr. F. J. Miller.....Vera Cruz
Power sta. equip. 3 d. c. West. tot. 600 kw; 7 a. c. G. E. tot. 2700 kw. 2200 v. 3 ph. 60 cys; 2800 hp. e. (oil) Diesel; 800 hp. b. Bab. & W; 500 kw. stm. turb. G. E. Curtis; trolley volt. 600 v. Plant held as "standby"—purchases energy from Puebla Tramway Lt. & Pwr. Co. at Tuxpango.
13 miles elec.: 18 motor cars, 15 other cars. (Company does general ltg. & pwr. business.) 18

PHILIPPINE ISLANDS.

(See under the United States, page 165.)

WEST INDIES.

(Postage rates to Cuba and Porto Rico same as United States: domestic rate applies also to letters, but not to other articles, addressed to Newfoundland and Barbados; to all other Islands, foreign rate.)

BARBADOS (BR.)
(176,000.)

BRIDGETOWN. 35,000.

1326—Bridgetown Tramway Co., Ltd. (Controlled by Wm. B. McKinley, Champaign, Ill., and associates.)
Chm. Local Board of Directors,
C. Y. Simpson.....Bridgetown
*Gen. Mgr. (Charge of Reconstruction & Electrification & Purchasing),
H. E. Chubbuck.... Peoria, Ill., U.S.A.
Sec. & Treas. Edw. Woodman,
89 Exchange Place Portland Me., U.S.A.
Asst. Sec. D. Bynoe.....Bridgetown
Audr. A. H. McKinstry..... "
Mgr. W. A. Kirton..... "
Constr. Engr. W. R. Morrison "
Elec. Engr. Jas. McKenzie Meade "
Deputy Mgr. I. R. Gall..... "
9 miles (mule line—will be converted into electric tramway); 20 cars. 127

CUBA.

CAMAGUEY. 29,616 (1911).

1327—The Camaguey Co., Ltd.—Office, 164 St. James St., Montreal, Que., Can. Operating office, 91 Estrada Palma, Camaguey. (Owns Camaguey Elec. Co., Ltd., Camaguey Tramway Co., Ltd., and Camaguey Land Co., Ltd.)
Pres. I. W. Killam..Montreal, Que., Can.
V. Pres. W. B. Ross...Halifax, N. S. Can.
Sec. V. M. Drury....Montreal, Que., Can.
Audr. John C. Savony
91 Estrada Palma, Camaguey
*Mgr. C. Stuart Townshend
91 Estrada Palma, "
Supt. F. V. Fuentes
91 Estrada Palma, "
Pur. Agt. Moody Eng'g Co.,
115 B'dway, New York, N. Y.
Ch. Engr. Pwr. Sta. Jose Berry
55 Libertad, Camaguey

CAMAGUEY ELEC. CO.'S PLANT—2 d. c. G. E. tot. 300 kw; 3 a. c. G. E, Westg. tot. 800 kw. 1200 v. 2 ph. 60 cys; 675 hp. e. B. & W; 960 hp. b. A. & T; 500 kw. stm. turb. Westg: trans. volt. 1200 v; trolley volt. 550 v.

Pwr. sta. and repair shops, 91 Estrada Palma, Camaguey.

8 miles; 4-8½ g; 12 pass. cars; 1 fgt. car and 8 flat cars. (Co. furnishes lighting and power.) 77

CARDENAS. 24,280 (1911).

1328—Tranvia Electrico de Cardenas, S. A.—Office, Calle 5, No. 50 E. Cardenas. (Operates in Cardenas; will construct a line to Varadero Beach, 18 miles.)
Pres. Jose Maria Verdeja
Av. Independencia y Calle 13, Cardenas
V. Pres. Ernesto Castro
Avenida 1 a y Calle 6.... "
Sec. Frank J. Larrien..... "
Treas. Leandro Ruiz..... "
*Gen. Mgr. Ed. Elgarresta
P. O. Box 47.... "
Supt. Luis E. Garcia..... "
Ch. Engr. Jorge A. Larrien..... "
M. M., G. Sabater..... "
Engr. M. of W., R. Castro..... "
Energy purchased from Cia de Electricidad de Cardenas (Sociedad Anonima.)
7 miles; 4-8½ g; 12 storage battery cars. ★18

CIENFUEGOS, S. C. 30,100 (1912).

1329—Cienfuegos, Palmira & Cruces Elec. Ry. & Pwr. Co.—Executive office, 233 B'way., New York, N. Y.; local office, Cienfuegos, Santa Clara, Cuba. (Connects Cienfuegos, Caunao, Palmira and Hormiguero.)
Pres. Lafayette B. Gleason
New York, N. Y.
V. Pres. Gabriel Cardona.....Cienfuegos
Sec. Julio de la Torre.....Havana
*Gen. Mgr. & Ch. Engr.
Frank Monzon Aguirre, Box 674.
Cienfuegos
Ch. Engr. Pwr. Sta. Ernest Nagel "
Power sta. equip. 3 d.c. C-W. West, tot. 185 kw; 220 hp. e. (oil) Meitz & Weiss, De La Vergne.

Pwr. sta. & repair shops at Carretera de Caunao, Cienfuegos.

16 miles; 4-8½ g; 19 pass. cars and 7 other cars. Storage battery system. (Extensions to Cruces, Cumanavagua, Carlota Mine, etc., under construction.) ★127

HAVANA. 297,159 (1912).

1330—Havana Elec. Ry., Lt. & Pwr. Co.—Gen. office, Havana, Monte No. 1. (Consolidation by merger of the Havana Elec. Ry. Co. and the Campania de Gas y Electricidad de la Habana.) (Controls all electric lines in Havana and the Insular Ry. Co. Operates in Havana and to and in Marianao.)
Pres. & Gen. Mgr.
Frank Steinhart.....Havana
1st V. Pres. David T. Davis
55 Liberty St., New York, N. Y.
2d V. Pres. Emeterio Zorilla .....Havana
3d V. Pres. Antonio San Miguel.. "
Sec. & Treas. H. Kraemer,
55 Liberty St., New York, N.Y.
Asst. Treas. F. Porro Orfila.....Havana
*Asst. Gen. Mgr. & Ch. Engr.
C. W. Ricker..... "
Claim Agt. Nestor Tremols..... "
Supt. Traffic, J. E. Fuentes..... "
Pur. Agt. A. McDonald..... "
Elecl. Engr. R. W. Tassie..... "
Mech. Engr. G. Turk..... "
Ch. Engr. Pwr. Sta. R. E. Nelson.. "
Engr. M. of W., A. R. Olds..... "
M. M. Francisco Auer..... "
Supt. Ovhd. Constr. B. H. Clay... "
Power sta. equip. 3 a. c. West. tot. 37,500 kw. 2200 v. 3 ph. 60 cys; 14,400 hp. b. Bab. & W; 37,500 kw. stm. turb. West; trans. volt. 13,200 v; trolley volt. 575v.

Power sta. at Harbor, between Alambique and Aguila Sts.; repair shop, 9th & 18th Sts., Vedado.

Reaches Palatino and Playa de Marianao.

93 miles; 4-8½ g; 416 motor and 77 other cars; 11 elec. locos. (Company does lighting and power business.) ★18

1331—Havana Central R. R. Co.—Central Station, Havana. (Connects Havana with suburban towns—Marianao, Punta Brava, Hoyo Colorado, Guanajay, Cotorro, San Jose de las Lajas, Guines, "Providencia Sugar Mill," Regla and Guanabocoa.)
Pres. W. E. Ogilvie,
42 Broadway, New York, N. Y.
V. Pres. Frederick W. Baumann
6 Hanover St., New York, N. Y.
2d V. Pres. Wm. A. Jones, Jr.
233 Broadway, New York, N. Y.
Sec. & Treas. H. Bellefeuille
42 Broadway, New York, N. Y.
Asst. Sec. & Treas. A. E. Liljander
42 Broadway, New York, N.Y.
Gen. Mgr. G. A. Morson.....Havana
Mgr. Traffic & Transp.
M. I. Masteller..... "
Gen. Fgt. & Pass. Agts. } W. T. Medley..... "
Frank Roberts..... "
Pur. Agt. H. L. Ashley..... "
Ch. Engr. Phillip Hammond..... "
Ch. Elec. Engr. John A. Thomson "
Master Car Builder
B. F. Elliott..... "
Engr. M. of W., R. S. Webster.... "
Power sta. equip. 4 a. c. turbo-gen. G. E. tot. 8500 kw. 2200 v. 3 ph. 25 cys; 5625 hp. b. Munoz, Bab. & W; trans. volt. 19,100 v; trolley volt. 600 v.

Power sta., Havana; repair shop, Luyano.

77 miles; 4-8½ g; 36 pass. and baggage cars, 10 elec. locos, 5 steam locos, 324 fgt. cars. (Company furnishes energy for lighting in all towns connected except Havana.) ★127

MATANZAS. 36,009 (1912).

1332—Ferrocarril Electrico De Matanzas, S. A.—Office, San Carlos y Recurso. (Controls The Tranvia de Matanzas and The Yumuri, Matanzas & Bellamar Ry. Co. Operates in Matanzas and suburbs.)
Pres. Luis Amezaga.....Matanzas
1st V. Pres. Bonifacio Menendez "
2nd V. Pres. Pedro U. Bea..... "
Sec. Eduardo Rodriguez Verrier "
Treas. Bautista Canizo..... "
*Mgr. & Ch. Engr.
J. Gonzalez Sigarroa..... "
Supt. Antonio Morey..... "

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M. M., Evelio Bello..... ....Matanzas
Supt. of Traffic Jose Posada ... "
Energy purchased from Compania Anonima Electrica Alemana Cubana.
12.4274 miles; 4-8½ g; 21 storage battery cars. 127

REGLA.

(See No. 1331.)

SANTIAGO. 45,470 (1911).

1333 — Compañia Electrica de Alumbrado y Traccion de Santiago. —Office, Hartmann, baja 15, Santiago.
Pres. José Marimon,
Banco Espanol, Havana
V. Pres. Jose Bosch.....Santiago
Sec. Armando Godoy
Banco Espanol, Havana
Audr. Eduardo Garay.....Santiago
Gen. Mgr. Emilio S. Godoy..... "
Gen. Fgt. & Pass. Agt.
Arturo Arabitg..... "
Pur. Agt. Alberto Plochet.... "
Ch. Engr. Eduardo J. Chibas... "
*Elec. Engr. H. G. Fenton..... "
Ch. Engr. Pwr. Sta.
Rafael Carbonell..... "
M. M. Baldomero Corona..... "
Engr. Ovhd. Constr. F. Bravo.. "
Park Mgr. Daniel Serra..... "
Power sta. equip. 2 d. c. Westg. tot. 800 kw; 5 a.c. G. E. tot. 2100 kw. 2300 v. 3 ph. 60 cys; 2310 hp. b. Bab. & W; 1000 kw. stm. turb. Curtis, G. E; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. and repair shop, Punta Blanca, Santiago.
Reaches Vista Alegre and Villa Marimon.
14.80 miles; 4-8½ g; 32 motor and 8 other cars. (Co. does general lighting business.) 66

JAMAICA

KINGSTON. 57,379 (1911).

1334 — The West India Elec. Co., Ltd.—151 Orange St. (Controls Jamaica Lt. & Pwr. Co.) (Connects Kingston and the Parish of St. Andrew.)
Pres. Jas. Hutchison
260 St. James St., Montreal, Que., Can.
V. Pres. G. J. Crowd
Shaughnessy Bldg., " " "
Sec. F. Williamson
260 St. James St., " " "
Audr. W. C. Cassidy.....Kingston
*Gen. Mgr. Walter H. Tittensor "
Pur. Agt. Moody Eng'g Co., Inc.
115 Broadway, New York, N. Y.
Elec. Engr. H. A. Campbell....Kingston
Traffic Supt. David N. Barr..... "
Power stas. equip. 2 d. c. G. E. tot. 500 kw; 3 a.c. G. E. tot. 900 kw. 500 v. 3 ph. 40 cys; 750 hp. e. Belliss & Morcom; 700 hp. b. Bab. & W; 1350 hp. turb. (wtr.) S. B; trans. volt. 14,000 v; trolley volt. 550 v.
Power sta., Bog Walk (hydraulic), Gold St. (stm.), Jamaica; repair shops, 151 Orange St.
Owns Rock Fort Gardens (leased to Amusement Co.).
26 miles (electric); 4-8½ g; 31 motor and 7 other cars. (Company does lighting business.) 67

PORTO RICO

(See under the United States, page 165)

TRINIDAD

PORT OF SPAIN. 60,000 (1911).

1335—The Trinidad Electric Co. Ltd.—Office, cor. Park & Frederick Sts. Canadian office, Keith Bldg., Halifax, N. S. (Operates in Port of Spain and immediate surrounding territory.)
Pres. Hon. W. B. Ross.....Halifax, N. S.
V. Prests. { Wm. Gordon-Gordon, Port of Spain
H. R. Silver....Halifax, N. S.
Sec. & Treas.
F. B. Oxley..... " "
Audr. T. L. E. Piers..... " "
Pur. Agt. Moody Eng'g Co., Inc.
115 Broadway, New York, N. Y.
Gen. Mgr. S. D. Harding.. Port of Spain
*Supt. L. W. Collins..... "
Traffic Supt. Clemente Stoute "
Elec'l. Supt. Alberto Rodriguez "
Ch. Engr. Pwr. Sta.
Geo. S. Pollard..... "
Car House Frmn. Thos. Hercules "
Power sta. equip. 2 d. c. G. E. tot. 600 kw; 3 a. c. G. E. tot. 650 kw. 2200 v. 2 ph. 60 cys; 2200 hp. e. Robb; 1000 hp. b. Bab. & W: 750 kw. stm. turb. West; trolley volt. 550 v.
Power sta. and repair shop at Port of Spain.
Reaches Queen's Park, Savannah.
14.24 miles; 4-8½ g; 24 motor pass. cars. (Company does a lighting and power business). ★18

PANAMA.

PANAMA. 75,000 (1915).

1336 — Panama Electric Co. — Office, 71 B'way., New York, N. Y. (Connects Panama, Ancon, Balboa, La Boca, Ft. Grant, Bella Vista and Sabanas.)
Pres. William F. Darbee..New York, N.Y.
V. Pres. G. E. Claflin.... " "
Sec. & Treas. E. P. Summerson
New York, N. Y.
Audr. Edmund George Ford.....Ancon
*Asst. Gen. Mgr. & Ch. Engr.
Maurice E. Gilmore..... "
Claim Agt. Rodolfo Nunez V.... "
Pur. Agt. Electric Bond & Share Co.
71 B'way., New York, N. Y.
M. M., Roger Prados..... ..... "
Power sta. equip. 3 a. c. West. turbo-gen. tot. 2500 kw. 2300 v. 3 ph. 60 cys; 1050 hp. b. Bab. & W; trolley volt. 500-600 v.
Power sta. and repair shop Northern Ave. and American Wharf.
Reaches Bella Vista Bathing Beach and Pavilion.
11 miles; 3-6 g; 22 motor cars & 2 freight cars. 17

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ELECTRIC RAILWAY ASSOCIATIONS

Alabama Light & Traction Association.

President, Thos. W. Martin.....Alabama Pwr. Co., Birmingham.
Vice-President, A. R. Smith, Demopolis Elec. Lt. & Pwr. Co., Demopolis.
Secretary and Treasurer, J. P. Ross, Birmingham Ry. Lt. & Pwr. Co., Birmingham.
Executive Committee: R. L. Ellis, Selma Ltg. Co., Selma; C. C. Henderson Henderson Lt. & Pwr. Co., Greenville; T. K. Jackson, Mobile Elec. Co., Mobile. ★18

American Electric Railway Accountants' Association.

(Affiliated with A E R A)

President, M. R. Boylan, Gen. Audr. Public Service Ry. Co., Newark, N. J.
1st Vice-President, H. B. Cavanaugh, Audr. Cleveland, Southwestern & Columbus Ry. Co., Cleveland, Ohio.
2d Vice-President, I. A. May, Compt. The Conn. Co., New Haven, Conn.
3d Vice-President, John J. Landers, Audr. York Rys. Co., York, Pa.
Hon. Secretary and Treasurer, S. C. Rogers, Compt. Roberval—Saguenay Ry. Co.. Montreal, Que. Can.
Executive Committee: The officers and P. V. Burington, Sec. The Columbus Railway Power & Light Co., Columbus, Ohio; F. E. Webster, Treas. Mass. Northeastern Street Ry. Co., Haverhill, Mass.; F. H. Sellick, Compt. Hudson & Manhattan R. R. Co., New York, N. Y.; W. G. Nicholson, Sec. & Audr. Omaha & Council Bluffs St. Ry. Co., Omaha, Neb. 18†

American Electric Railway Association.

President, John J. Stanley, The Cleveland Ry. Co., Cleveland, O.
1st Vice-President, J. H. Pardee, Pres. Eastern Pennsylvania Railways Co., Pottsville, Pa.
2d Vice-President, Richard McCulloch, Pres. United Railways Co. of St. Louis, St. Louis, Mo.
3d Vice-Pres. M. C. Brush, Pres. Boston Elevated Ry. Co., Boston, Mass.
4th Vice-Pres. T. S. Williams. Pres. Brooklyn Rapid Transit System, Brooklyn, N. Y.
Secretary and Treasurer, E. B. Burritt, 8 West 40th St., New York, N. Y.
Executive Committee: Officers and M. R. Boylan, Pres. Accountants' Assn., Newark, N. J.; F. R. Phillips, Pres. Engineering Assn., Pittsburg, Pa.; R. E. MacDougall. Pres. Claims Assn., Rochester, N. Y.; L. C. Bradley, Pres. Transportation & Traffic Assn., Houston, Tex.; Thos. Finigan, Asst. Vice-Pres. Amer. Brake Shoe & Fdy. Co., Chicago, Ill.; James H. McGraw, Pres., McGraw-Hill Company, Inc., New York, N. Y.; S. E. Curwen, Pres. J. G. Brill Co., Philadelphia Pa.; E. W. Rice, Jr., Pres. General Elec. Co., Schenectady, N. Y.; Guy E. Tripp, Chmn. Bd. of Dir. Westinghouse Elec. & Mfg. Co., New York, N. Y. ★127

American Electric Railway Claims Association.

(Affiliated with A E R A)

President, R. E. MacDougall, Claim Agt. New York State Rys., Rochester, N. Y.
1st Vice-President, S. B. Hare, Claim Agt. Altoona & Logan Valley Elec. Ry. Co., Altoona, Pa.
2d Vice-President, J. J. Reynolds, Claims Atty., Boston Elev. Ry., Co., Boston, Mass.
3d Vice-President, W. H. Hyland, Claim Agt., Fonda, Johnstown & Gloversville R. R., Gloversville, N. Y.
Secretary and Treasurer ——
Executive Committee: The President, Vice-Presidents, and J. H. Handlon, Claim Agt. United R. R. of San Francisco, Cal.; C. G. Rice, Asst. to Pres., Pittsburg Railways Co., Pittsburg, Pa.; W. H. Renaud, Jr., Claim Agt., New Orleans Ry. & Lt. Co., New Orleans, La.; Howard D. Briggs, Asst. Gen. Claim Agt., Public Service Ry. Co., New Orleans, La. ★127

American Electric Railway Engineering Association.

(Affiliated with A E R A)

President, F. R. Phillips, Supt. Equip. Pittsburgh Rys. Co., Pittsburgh, Pa.
1st Vice-President, ——
2d Vice-President, W. G. Gove, Supt. Equip. Brooklyn Rapid Transit System, Brooklyn, N. Y.
3d Vice-President, E. R. Hill, Consult. Engr., Norfolk & Western Ry. Co., New York, N. Y.
Secretary and Treasurer, E. B. Burritt, 8 West 40th St., New York, N. Y.
Executive Committee: The officers and C. S. Kimball, Engr. Maint. of Way Washington Ry. & Elec. Co., Washington, D. C.; C. L. Cadle, Elec. Engr. New York State Railways, Rochester, N. Y.; C. F. Bedwell, Asst. Engr. Public Service Ry. Co., Newark, N. J.; J. W. Welsh, Elec. Engr. & Traffic Agt., Pittsburgh Rys. Co., Pittsburgh, Pa. ★127

American Electric Railway Manufacturers' Association.

President, Thomas Finigan, Asst. Vice-Pres. Amer. Brake Shoe & Fdry. Co., Chicago, Ill.
Vice-President, Chas. C. Pierce, Mgr. Ry. Dept. General Elec. Co., Boston, Mass.
Vice-President, Daniel W. Smith, Pres. The Peter Smith Heater Co., Detroit, Mich.
Vice-President & Treasurer, L. E. Gould, Pres Economy Elec. Devices Co., Chicago, Ill.
Vice-President, E. F. Wickwire, Gen. Sales Agt., The Ohio Brass Co., Mansfield, O.
Secretary-Treasurer, Fred C. J. Dell, 50 East 42nd St., New York, N. Y.
Executive Committee: President, Vice-Presidents and W. F. Cutler, V. Pres. Southern Wheel Co., St. Louis, Mo; Dwight B. Dean, Sales Mgr., The G. C. Kuhlman Car Co., Cleveland, O.; L. J. Drake, Jr., V. Pres. Galena-Signal Co., New York, N. Y.; Chas. R. Ellicott, Asst. Eastern Mgr. Westinghouse Trac. Brake Co., New York, N. Y.; Henry C. Evans, Agt. Lorain Steel Co., New York, N. Y.; B. A. Hegeman, Jr., Pres. National Railway Appliance Co., New York, N. Y.; M. B. Lambert, Asst. Mgr. Ry. & Ltg. Dept., Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.; Edwin B. Meissner, V. Pres. St. Louis Car Co., St. Louis, Mo.; George Stanton, Mgr. Sales, Cleveland Frog & Crossing Co., Cleveland, O.; A. H. Woodward, Pres. The International Register Co., Chicago, Ill. ★127

American Electric Railway Transportation and Traffic Association.

(Affiliated with A E R A)

President, L. C. Bradley, Dist. Mgr. Stone & Webster Properties, Houston, Tex.
1st Vice President, W. H. Collins, Gen. Mgr. Fonda, Johnstown & Gloversville R. R. Co., Gloversville, N. Y.
2d Vice-President R. P. Stevens, Pres. Mahoning & Shenango Ry. & Lt. Co. Youngstown, Ohio.
3d Vice-President, L. H. Palmer, Gen. Mgr. Eastern Pennsylvania Rys. Co., Pottsville, Pa.
Secretary and Treasurer, E. B. Burritt, 8 W. 40th St., New York, N. Y.
Executive Committee: The officers and J. J. Dempsey, Supt. Transp. Brooklyn Rapid Transit System; R. B. Stearns, V. Pres. & Asst. Gen. Mgr. The Milwaukee Elec. Ry. & Lt. Co.; H. C. Donecker, Asst. Gen. Mgr. Public Service Ry. Co., Newark, N. J.; H. B. Potter, Asst. to Pres. Boston Elev. Ry. Co., Boston, Mass. 127

Arkansas Association of Public Utility Operators.

President, S. E. Dillon, Gen. Mgr. Citizens Elec. Co., Hot Springs, Ark.
1st Vice-President. E. T. Reynolds, Mgr. Arkansas Lt. & Pwr. Co., Paragould, Ark.
2d Vice-President, P. T. Phillips, Engr., Little Rock Ry. & Elec. Co., Little Rock, Ark.
Secretary-Treasurer, R. B. Fowles, Audr. The Pine Bluff Co., Pine Bluff, Ark. 18

California Electric Railway Association.

President, Wm. Clayton, Mng. Dir., San Diego Electric Ry., San Diego.
Vice-President, Paul Shoup, Pres. Pacific Elec. Ry., Los Angeles, Cal.
Treasurer, The Anglo-London Paris Natl. Bank, San Francisco.
Manager, W. V. Hill, 58 Sutter St., San Francisco.
Executive Board: Paul Shoup, Pres. Pacific Electric Ry., Los Angeles; Jesse W. Lilienthal, Pres. United Railroads of San Francisco, San Francisco: W. E. Dunn, V. Pres. Los Angeles Railway Corpn., Los Angeles; Wm. Clayton, Mng. Dir. San Diego Elec. Ry., San Diego.; W. R. Alberger, V. Pres. & Gen. Mgr. San Francisco-Oakland Terminal Rys., Oakland, Cal. ★18

Canadian Electric Railway Association.

Office, 70 Bond St., Toronto, Can.

President, C. L. Wilson, Asst. Mgr. Toronto & York Radial Ry., Toronto, Ont.
Vice-President, A. Eastman, V. Pres. & Gen. Mgr. Windsor, Essex & Lake Shore Rapid Ry. Co., Kingsville, Ont.
Honorary Secretary-Treasurer, Acton Burrows, Managing Director, Canadian Railway & Marine World, Toronto, Ont.
Assistant Secretary, Aubrey A. Burrows, Business Mgr. Canadian Ry. & Marine World, Toronto, Ont.
Executive Committee: The President, Vice-President, Honorary Secretary-Treasurer and E. P. Coleman, Gen. Mgr. Dominion Power & Transmission Co., Hamilton, Ont.; J. D. Fraser, Dir. & Sec.-Treas., Ottawa Elec. Ry., Ottawa, Ont.; A. Gaboury, Supt. Montreal Tramways Co., Montreal, Que.; G. Gordon Gale, V. Pres. & Gen. Mgr. Hull Electric Co., Hull, Que.; J. S. Mackenzie, Pur. Agt. Winnipeg Elec. Ry., Winnipeg, Man.; E. L. Milliken, Local Mgr. Cape Breton Elec. Co. Ltd., Sydney, N. S. 18

Central Electric Railway Accountants' Association.

President, —— ——
1st Vice-President, A. C. Van Driesen, Ch. Accnt. Toledo Rys. & Lt. Co., Toledo, O.
2d Vice-President, A. E. Dedrick, Audr. Youngstown & Sharon Elec. St. Ry., Youngstown, O.
Secretary and Treasurer, A. L. Neereamer, Sec.-Treas. Central Elec. Ry. Assn., Indianapolis, Ind.
Executive Committee: President, Vice-Presidents, Secretary-Treasurer and B. H. Jacobs, Asst. Audr. Cleveland Ry. Co., Cleveland, O.; F. O. Reed, Audr. Western Ohio Ry., Lima, O.; I. E. Guthrie, Sec.-Treas., Interstate Public Service Co., Indianapolis, Ind.; J. N. Tabb, Treas. Kanawha Trac. & Elec. Co., Parkersburg, W. Va.
Annual meeting, February 1918. ★127

Central Electric Railway Association.

President, C. N. Wilcoxon, Pres., Chicago, Lake Shore & South Bend Ry. Co., Michigan City, Ind.
1st Vice-President, F. W. Coen, V. Pres. & Gen. Mgr. Lake Shore Elec. Ry., Sandusky, O.
2d Vice-President, J. F. Collins, V. Pres. & Gen. Mgr. Mich. Ry. Co, Jackson, Mich.
Secretary and Treasurer, A. L. Neereamer, 308 Traction-Terminal Bldg., Indianapolis, Ind.
Executive Committee: F. D. Carpenter, Pres. Western Ohio Ry; H. A Nicholl, Gen. Mgr. Union Traction Co. of Indiana; S. W. Greenland, Gen. Mgr. Ft. Wayne & No. Ind. Trac. Co; W. A. Carson, Gen. Mgr. Evansville Rys. Co; R. A. Crume, Gen. Mgr. Dayton & Troy Elec. Ry; F. R. Coates, Pres. & Gen. Mgr. Toledo Rys. & Lt. Co., Toledo, O; E. J. Burdick, Asst. Gen. Mgr. Detroit United Lines, Detroit, Mich; A. Benham, Gen. Mgr. Ohio Elec. Ry., Springfield, O; E. B. Peck, V. Pres. Terre Haute, Indpls. & Eastern Trac. Co; A. G. Olberding, Representative American Brake Shoe & Fdy. Co., Cincinnati, O; Will H. Bloss, Representative Ohio Brass Co; O. A. Small, Pres. Central Elec. Railway Accountants Assn., Benton Harbor, Mich.
Annual meeting and election, February 1918. 127

Central Electric Traffic Association.

Chairman, A. L. Neereamer, 308 Traction-Terminal Bldg., Indianapolis, Ind.
Executive Committee; Same as Central Electric Railway Association.
Meetings held during January, March, May, September and November. 127

Colorado Electric Light, Power & Railway Association.

President, John A. Clay, Gen. Mgr. Western Colo. Pwr. Co., Montrose.
Vice-President, L. P. Hammond, Gen. Mgr. The Colorado Pwr. Co., Denver.
*Secretary-Treasurer, Thomas F. Kennedy, The Denver Gas & Elec. Lt. Co., Gas & Electric Bldg., Denver.
Executive Committee: John J. Cooper, Gen. Mgr. Mountain Elec. Co., Denver; F. P. Wood, Gen. Mgr. Trinidad Elec.

Transmission Ry. & Gas Co., Trinidad; W. F. Raber, Gen. Mgr. Ark. Valley Ry. Lt. & Pwr. Co., Pueblo; W. C. Sterne, Pres. Municipal Properties Investing Co., Denver. 28

Gas, Electric & Street Railway Association of Oklahoma.

President, F. D. Shaffer, Mgr. Chickasha Gas & Elec. Co., Chickasha.
1st Vice-President, J. F. Owen, Mgr. Muskogee Gas & Elec. Co., Muskogee.
2d Vice-President, W. H. Vorce, Mgr. Choctaw Pwr. & Lt. Co., McAlester.
Secretary and Treasurer, L. W. W. Morrow, Director School of Electric Engineering, University of Oklahoma, Norman.
Directors: (terms expire 1918) — C. H. Kretz, Mgr. Okmulgee Ice & Lt. Co. Okmulgee; Fred W. Insull, Pres. Public Service Co. of Oklahoma, Oklahoma City; R. K. Johnson, Sec., Treas. & Mgr. Washita Elec. Pwr. Co., Pauls Valley; R. E. Whitenack, Mgr. Kingfisher Municipal Plant, Kingfisher. 18

Illinois Electric Railways Association.

President, C. F. Handshy, Asst. Gen. Mgr. Illinois Traction System, Springfield.
1st Vice-President, D. E. Parsons, Gen. Mgr. East St. Louis & Suburban Ry. Co., East St. Louis.
2d Vice-President, Frank J. Baker, Pres. Bloomington, Pontiac & Joliet Elec. Ry., 72 W. Adams St., Chicago.
Secretary-Treasurer, W. V. Griffin, Sec., Chicago Elevated Rys., 1234 Edison Bldg., Chicago.
Executive Committee: President, 1st and 2d Vice-Presidents and J. R. Blackhall (Chmn.) Gen. Mgr., Chicago & Joliet Elec. Ry. Co.; H. E. Chubbuck, V. Pres. Exec. Illinois Traction System; Britton I. Budd, Pres. Chicago Elev. Roads; E. C. Faber, V. Pres. & Gen. Mgr. Aurora, Elgin & Chicago R. R. Co; F. E. Fisher, Gen. Supt. Chicago, Ottawa & Peoria Ry; T. F. Grover, Pres. Terra Haute & Western Ry. Co.
Annual meeting, January. 18

Iowa Electric Railway Association.

President, E. C. Allen, Gen. Mgr. Cedar Rapids & Marion City Ry., Cedar Rapids.
Vice-President, C. E. Fahrney, Gen. Mgr. Ottumwa Ry. & Lt. Co., Ottumwa.
Secretary and Treasurer, H. E. Weeks, Sec. Tri-City Ry. & Lt. Co., Davenport.
Board of Directors: President, Vice-President, Secretary and Treasurer and F. J. Hanlon, Gen. Mgr. Mason City & Clear Lake R. R. Co., Mason City; R. A. Leussler, Asst. Gen. Mgr. Omaha & Council Bluffs St. Ry., Omaha, Neb. 18

Kansas Public Service Association.

President, J. D. Nicholson, Newton.
1st Vice-President, C. L. Brown, Abilene.
2d Vice-President, Otto Theis, Dodge City.
3d Vice-President, H. F. Jackman, Minneapolis.
Secretary-Treasurer, W. W. Austin, Cottonwood Falls.
Executive Committee: A. M. Patten, Topeka; L. O. Ripley, Wichita; L. K. Green, Concordia; J. R. Murphy, Great Bend; H. W. Magruder, Liberal; W. W. Austin, Cottonwood Falls. 28

Massachusetts Street Railway Association.

President, C. V. Wood, Springfield.
1st Vice-President, W. W. Sargent, Fitchburg.
2d Vice-President, C. D. Emmons, Framingham.
Secretary, Charles S. Clark, 141 Milk St., Boston.
Treasurer, F. H. Smith, 50 State St., Boston.
Counsel, Bentley W. Warren, Boston.
Executive Committee: President, Vice-Presidents and Robert S. Goff, Boston: Francis H. Dewey, Worcester; P. F. Sullivan, Lowell; H. H. Crapo, New Bedford; J. L. Richards, Newtonville. ★18

Mississippi Electrical Association.

President, —— ——
Vice-President, S. M. Jones, Laurel.
Secretary and Treasurer, H. F. Wheeler, Hattiesburg. *18

Missouri Association of Public Utilities.

President, Bruce Cameron, St. Louis.
1st Vice-President, J. H. Van Brunt, St. Joseph.
2d Vice-President, J. M. Scott, Kansas City.
3d Vice-President, L. P. Andrews, Sedalia.
Secretary and Treasurer, F. D. Beardslee, 315 N. 12th St., St. Louis.
Executive Committee: J. E. Gibson, Kansas City, Mo.; A. F. Van Diense, Springfield; J. E. McLeod, St. Louis; L. H. Egan, St. Louis.
Public Affairs Committee: I. R. Kelso, Chmn., St. Louis; E. D. Bell, St. Louis; J. R. Woodhill, Aurora; C. L. Proctor, Joplin; C. L. Holman, St. Louis; V. L. Elbert, St. Joseph; H. C. Lewis, Caruthersville; S. E. Roberts, Windsor.
Annual election, May 1918. ★18

New England Electric Freight Association.

President, R. E. Cosgrove, Fgt. & Pass. Agt. Springfield St. Ry. Co., Springfield, Mass.
Secretary, F. C. Lewis, Gen. Fgt. Agt. Boston & Worcester St. Ry. Co., Framingham, Mass. §28

New England Street Railway Club.

President, A. H. Ford, Portland, Me.
Vice-Presidents for States: J. E. Dozier, Lynn, Mass.; E. M. Graham, Bangor, Me.; J. Brodie Smith, Manchester, N. H.; W. F. Corry, Montpelier, Vt.; A. E. Potter, Providence, R. I.; R. W. Perkins, Norwich, Conn.
Secretary, C. H. Hile, Editor Street Railway Bulletin, 12 Pearl St., Boston, Mass.
Treasurer, Fred. F. Stockwell, Cambridge, Mass.
Finance Committee: A. H. Ford, Portland, Me; Wm. A. Gilman, Boston, Mass; C. D. Emmons, Framingham, Mass.
Executive Committee: C. V. Wood, Springfield, Mass; J. W. Belling, Boston, Mass; A. A. Hale, Boston, Mass; H. M. Steward, Boston, Mass.; A. P. Emmons, Boston, Mass.; E. G. Young, Boston, Mass; James H. Murphy, Taunton, Mass.
Publication Committee: Geo. W. Knowlton, J. E. Johnson, F. J. Stone.
Election of officers, Mar. 24, 1918. ★127

New York Electric Railway Association.

President, Wilbur C. Fisk, Pres. & Gen. Mgr. Hudson & Manhattan R. R., New York.

1st Vice-President, H. B. Weatherwax, Vice-Pres. United Traction Co., Albany.

2d Vice-President, Edw. A. Maher, Jr., Gen. Mgr., Third Ave. Ry., New York.

Secretary-Treasurer, Wm. F. Stanton, Asst. to Gen. Mgr. New York State Rys., Rochester, N. Y.

Executive Committee: The officers and James E. Hewes, Gen. Mgr. Albany Southern R. R. Co., Rensselaer; T. C. Cherry, Gen. Mgr. Rochester & Syracuse R. R. Co., Inc., Syracuse; W. O. Wood, Pres. New York & Queens County Ry. Co., Long Island City.

Annual meeting, June. ★127

The Pacific Claim Agents' Association.

President, H. K. Relf, Claim Agt, Spokane, Portland & Seattle Ry. Co., Portland, Oreg.

1st Vice-President, H. G. Winsor, Tacoma Ry. & Pwr. Co., Tacoma, Wash.

2d Vice-President, W. H. Moore, San Diego Elec. Ry. Co., San Diego, Cal.

3d Vice-President, T. A. Cole, Los Angeles Ry. Corp., Los Angeles, Cal.

Secretary and Treasurer, B. F. Boynton, Portland Ry. Lt. & Pwr. Co., Portland, Oreg.

Executive Committee: J. H. Handlon, United Railroads of San Francisco, San Francisco, Cal.; A. M. Lee, Northern Pacific Railway Co., Seattle, Wash.; F. M. Hamilton, Puget Sound Trac. Lt. & Pwr. Co., Seattle Wash; D. C. Davis, No. Pacific Ry. Co., Tacoma, Wash; C. A. Blackburn, Butte Elec. Ry. Co., Butte, Mont; Thos. G. Aston, Wash. Wtr. Pwr. Co., Spokane, Wash. 18

The Pennsylvania Street Railway Association.

President, Thos. A. Wright, V. Pres., Gen. Mgr. & Pur. Agt. Wilkes-Barre Ry. Co., Wilkes-Barre.

Vice-President, Gordon Campbell, Pres. York Railways Co., York.

Secretary and Treasurer, Henry M. Stine, 311 Locust St., Harrisburg.

Executive Committee: The President, Vice-President, and T. B. Donnelly, West Penn Trac. Co.; C. L. S. Tingley, Amer. Rys. Co; C. B. Fairchild, Jr., Phila. Rapid Transit Co; Thomas Cooper, Westinghouse Elec. & Mfg. Co. 127

Public Utilities Association of West Virginia.

President, Herbert Markle, Gen. Mgr. Appalachian Pwr. Co., Bluefield, W. Va.

1st Vice-President, Mentor Hetzer, Gen. Mgr. Moundsville Wtr. Co., Moundsville, W. Va.

2d Vice-President, Hon. Fred Paul Grosscup, Charleston, W. Va.

3d Vice-President, P. P. Crafts, Gen. Mgr. Kanawha Trac. & Elec. Co., Parkersburg, W. Va.

Secretary-Treasurer, W. C. Davisson, Vice-Pres. West Virginia Water & Elec. Co., Charleston, W. Va.

Executive Committee: President, Vice-Presidents and M. P. Pankey, Bluefield Telep. Co., Bluefield, W. Va; H. S. Newton, Gen. Mgr. Ohio Valley Elec. Co., Huntington, W. Va; H. E. Watt, Gen. Mgr. Huntington Wtr. Co., Huntington, W. Va; John B. Garden, Gen. Mgr. Wheeling Elec. Co., Wheeling, W. Va; W. C. Matthews, Pres. Va-Western Pwr. Co., Clifton Forge, Va; W. A. Maxwell, Gen. Mgr. Logan Heat, Lt. & Pwr. Co., Logan, W. Va. 18

Public Service Association of Virginia.

President, J. N. Shannahan, Hampton, Va.

1st Vice-President. J. F. Rison, Danville, Va.

2d Vice-President, W. F. Ficklen, Staunton, Va.

3d Vice-President, Thomas S. Wheelwright, Richmond, Va.

Secretary-Treasurer, W. J. Kehl, Richmond, Va. 127

Southwestern Electrical & Gas Association.

President, H. C. Morris, Dallas, Tex.

1st Vice-President, D. A. Hegarty, Houston, Tex.

2d Vice-President, W. A. Sullivan, Shreveport, La.

3d Vice-President, Burr Martin, Dallas, Tex.

Secretary, H. S. Cooper, 403-404 Slaughter Bldg., Dallas, Tex.

Treasurer, J. B. Walker, Dallas, Tex.

Executive Committee: H. C. Morris, Dallas, Tex.; F. R. Slater, Dallas, Tex.; D. A. Hegarty, Houston, Tex.; W. A. Sullivan, Shreveport, La.; Burr Martin, Dallas, Tex.; G. H. Clifford, Ft. Worth, Tex.; W. B. Tuttle, San Antonio, Tex.; F. J. Storm, Amarillo, Tex.; W. B. Head, Dallas, Tex.; R. W. Meriwether, Dallas, Tex.; J. C. Kennedy, Brenham, Tex.; E. S. Fletcher, Dallas, Tex.; S. R. Bertron, Houston, Tex.

Advisory Committee: B. F. Cherry, Weatherford, Tex.; A. Patterson, Texarkana, Tex.; W. W. Holden, San Antonio, Tex; F. D. Murphy, Houson, Tex.; Alba H. Warren, Galveston, Tex.; D. G. Fisher, Dallas, Tex.; Jas. P. Griffith, Dallas, Tex; F. A. Matthes, Abilene, Tex.; R. J. Irvine, San Angelo, Tex.; H. S. Potter, El Paso, Tex.; J. W. Carpenter, Corsicana, Tex.; R. C. Brooks, Dallas, Tex.; J. E. Cowles, Shreveport, La.; F. M. Lege, Jr., Galveston, Tex.; A. V. Wainright, Abilene, Tex.; F. N. Lawton, Wichita Falls, Tex.; P. A. Rogers, Denison, Tex.; V. W. Berry, Ft. Worth, Tex.; R. G. Soper, Dallas, Tex.; R. C. Jones, San Antonio, Tex.; R. W. Van Valkenburgh, Dallas, Tex.; C. W. Davis, Dallas, Tex.; H. E. Hobson, Dallas, Tex.; F. G. Kune, Dallas, Tex.; C. A. Newning, Houston, Tex.

Finance Committee: C. E. Calder, Dallas, Tex.; R. J. Soper, Dallas, Tex.; D. G. Fisher, Dallas, Tex. ★18

The Tramways & Light Railways Association of Great Britain.

President, Rt. Hon. Viscount Chilston.

V. Prests. Hon. Lord Vaux of Harroden.
Lord Arthur Butler.
Sir Alex. B. W. Kennedy, M. I. E. E., M. I. C. E.
Sir Charles Petrie, J. P.
J. S. Harmood-Banner, Bart., M. P.
J. M. Henderson, M. P.
W. M. Murphy.
Stephen Sellon.
R. A. Smithson.
E. Garcke, M. I. E. E.
F. Russell-Taylor, J. P.

Secretary, A. DeTurckheim.
Chairman of Council, Hon. Sir Arthur Stanley, G. B. E., M. P.
Vice-Chairman, R. J. Howley.

Offices, Sanctuary House, Westminster, London, S. W., England.

Annual meeting, February of each year. ★18

Union Internationale de Tramways et de Chemins de fer d'intérêt local.

Honorary President, Baron Janssen, Administrateur de la Société "Les Tramways Bruxellois," Brussels.
President, C. de Burlet, Inspecteur Générale des Ponts et Chaussées, Brussels.
Vice-Presidents, H. Géron, Administrateur Member of the Council of the Compagnie Générale des Chemins de fer Secondaires, Brussels; G. Köhler, Geh. Regierungsrat a. D., Member of the Council of the "Grosse Berliner Strassenbahn," Berlin.
Secretary, Henry Camp, 23 Rue d'Arlon, Brussels.
Executive Committee: The officers and A. Bertini, Gen. Mgr. Società Générale Italiana Edison di Elettricita, Milan; M. Hähner, Mgr. Strassburg Tramways Co.; J. Kessels, Administrateur Société Générale de Chemins de fer Economiques, Brussels; A. Mariage, Gen. Mgr. Compagnie Générale des Omnibus de Paris; J. H. Nelszen, Mgr. Amsterdam Municipal Tramways, Amsterdam; G. Pavie, Administrateur delégué Compagnie Générale Française de Tramways, Paris; E. von Pirch, Mgr. Electric Tramway Co., Barmen-Elberfeld; F. Poetz, Mgr. Hamburg Tramways Co., Hamburg; Ch. Rochat, Gen. Mgr. Compagnie Genevoise de Tramways Electriques, Geneve; Ch. Thonet Administrateur V. Pres. Société anonyme d'Entreprise Générale de Travaux, Liège. (Association before war.) 74

Wisconsin Electrical Association.

President, B. F. Lyons, V. Pres. & Gen. Mgr. Beloit Wtr. Gas & Elec. Co., Beloit.
1st Vice-President, A. E. Peirce, V. Pres. Wis.-Minn. Lt. & Pwr. Co., Eau Claire.
2d Vice-President, John St. John, Sec. & Treas. Madison Gas & Elec. Co., Madison.
3d Vice-President, F. C. Ludden, Pres. & Gen. Mgr. Mineral Point Public Service Co., Mineral Point.
Secretary and Treasurer, George Allison, Milwaukee. ★18

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NATIONAL AND STATE RAILROAD AND PUBLIC UTILITY COMMISSIONS

Alabama Public Service Commission.

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B. H. Cooper, Birmingham
S. P Gaillard, Mobile
} Commissioners.
*Atticus Mullin, Sec., Montgomery. 18

Arizona Corporation Commission.

Phoenix.

F. A. Jones, Chairman.
A. W Cole
A. A. Betts
} Commissioners.
*Sam W. Proctor, Sec.
T. D. Cashel, Rate Expert.
Ben Ferguson, Engineer. 18

Arkansas, State Tax Commission.

Little Rock.

(Commission to Assess and Equalize Railroads, Telegraphs, Telephones, Street Railroads, Interurbans, Water Works, Electric Light Plants, Pipe Lines, Express Companies, Sleeping Car Companies, Toll Roads, Toll Bridges, etc., to have and exercise general and complete supervision over the assessment and collection of taxes and the enforcement of the tax laws of the State, etc.)

*A.C. Martineau, Chairman
Reubeu G. Dye
Monroe Smith
} Commissioners
A. A. Poff, Sec.
Eldon Brown, Clerk. 18

Arkansas, R. R. Commission of.

Little Rock.

T. E. Wood Chairman
H. R. Wilson
W. G. Brasher
} Commissioners.
*Albert Rorex, Sec.
H. M. Gregory, Rate Expert 18

California, R. R. Commission of The State of.

888 Market St., San Francisco.

Max Thelen, Pres.
H. D. Loveland
Alex. Gordon
E. O. Edgerton
Frank R. Devlin
} Commissioners.
*Chas. R. Detrick, Sec.
W. P. Geary, Rate Expert.
R. Sachse, Chief Engr.
L. R. Reynolds, Auditor.
W. C. Fankhauser, Bond Expert.
Douglas Brookman, Att'y. 18

Canada, Board of Railway Commissioners for.

Ottawa, Ont.

Sir Henry L. Drayton, K. C., Chief
D'Arcy Scott, Asst. Chief
Hon. W. Bruno Nantel, K.C., Deputy
S. J. McLean
A. S. Goodeve
A. C. Boyce, K. C.
} Commissioners.
*A. D. Cartwright, Sec.
E. A. Primeau, Sec. Adjoint.
R. Richardson, Asst. Sec.
James Hardwell, Ch. Traffic Officer.
Geo. A. Mountain, Chief Engr.
George Spencer, Chief Oper. Officer.
A. G. Blair, Solicitor.
James. Mills, Libra. & Superv. Officer.
Clyde Leavitt, Chief Fire Inspector. ★18

Canada, Dominion of.

Department of Railways and Canals. Ottawa, Ont.

Hon. J. D. Reid, P. C., Minister.
A. W. Campbell, C. E., Deputy Minister.
L. K. Jones, I. S. O., Asst. Deputy Minister.
*J. W. Pugsley, Sec.
W. A. Bowden, Chief Engr. ★18

Canada, Manitoba Public Utilities Commission.

201 Tribune Bldg., Winnipeg.

P. A. Macdonald, Commissioner.
A. W. Smith, Secretary.
*George L. Guy, Electrical Engineer.
Hugh McNair, Gas Engineer.
Fred H. Wall, Inspector. 18

Colorado Public Utilities Commission.

Denver.

Geo. T. Bradley, Chairman
M. H. Aylesworth
A. P. Anderson
} Commissioners.
*Geo. A. Flannigan, Secretary. 18

Connecticut—Public Utilities Commission.

Hartford.

Richard T. Higgins, Chairman, Winsted
John H. Hale, So. Glastonbury
Chas. C. Elwell, New Haven
} Commissioners
*Joseph W. Alsop, Secretary, Avon.
Edward Field, Auditor & Statistician.
E. Irvine Rudd, Engr.
Archer E. Knowlton, Power & Illumination Expert. *127

District of Columbia—Public Utilities Commission.

Louis Brownlow, Chairman.
Brig. Gen. John G. D. Knight, U. S. A. (Retired)
W. Gwynn Gardiner
} Commissioners.
*Walter C. Allen, Executive Secy.
Conrad H. Syme, Gen. Counsel.
E. B. Hartley, Chief Clerk.
Earl V. Fisher, Accountant.
J. Kappeyne, Engineer.
E. G. Runyan, Inspector of Gas and Meters.
J. P. Schrodt, Inspector of Elec. Meters. ★18

Florida R. R. Commission.

Tallahassee.

R. Hudson Burr, Chairman
Newton A. Blitch
Royal C. Dunn
} Commissioners
*Lewis G. Thompson, Sec
G. A. Engh, Statistician.
Dozier A. De Vane, Counsel.
F. P. Damon, Inspct. Engr.
J. H. Tench, Rate Expert.
Geo. B. Ames, Tel. Engr. ★18

Georgia—R. R. Commission of.

Atlanta.

C. M. Candler, Chairman, Atlanta.
Geo. Hillyer, V-Chairman, "
Paul B. Trammell, Dalton, "
Jas. A. Perry, Lawrenceville.
John T. Boifeuillet, Macon,

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*Albert Collier, Sec., Atlanta.
J. Prince Webster, Rate Expert, Atlanta.
James K. Hines, Special Att'y., Atlanta. 18

Hawaii—Public Utilities Commission.

Honolulu.

William T. Carden, Chairman
Alexis J. Gignow
William P. Thomas } Commissioners.
*H. P. O'Sullivan, Sec. §127

Idaho—Public Utilities Commission of The State of.

Boise City.

John W. Graham, Pres.
A. L. Freehafer
Geo. E. Erb } Members.
F. W. Hassan, Audr.
*E. G. Gallet, Sec.
L. Way, Rate Expert ★18

Illinois—Public Utilities Commission of.

Springfield.

Thomas E. Dempcy, Chairman,
Frank H. Funk
Walter A. Shaw
Fred E Sterling
Patrick J. Lucey
*R. V. Prather, Sec.
G. E. Doying, Asst. Sec.
M. J. Murphy, Ch. Acctnt.
Frank G. Ewald, Ch. Engr. ★18

Indiana—Public Service Commission of.

E. I. Lewis, Chairman, Indianapolis.
Charles A. Edwards, Huntington.
John W. McCardle, Indianapolis. } Commissioners.
Edwin Corr, Bloomington.
*Carl H. Mote, Secretary, Indianapolis.
O. P. Gothlin, Tariff Clerk.
O. C. Herdrich, Ch. Acctnt.
H. O. Garman, Chief Engineer.
D. E. Matthews, Chief Inspector. ★127

Indiana—Board of Tax Commissioners.

Indianapolis.

William A. Roach, Sec. of State.
Otto L. Klauss, Audr. of State.
James A. Houck.
S. N. Cragun.
Fred A. Sims.
*John E. Reed, Sec.
A. E. Humke, Inheritance Tax Investigator.
Edward Stenger, Clerk. ★127

Interstate Commerce Commission.

Washington, D. C.

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Edgar E. Clark of Iowa.
James S. Harlan of Illinois.
Charles C. McChord of Kentucky.
Balthasar H. Meyer of Wisconsin.
Winthrop More Daniels of New Jersey.
Clyde B. Aitchison of Oregon.
Robert W. Woolley of Virginia.
George W. Anderson of Massachusetts.
*George B. McGinty, Sec., of Georgia.
Alfred Holmead, Asst. Sec., of District of Columbia.
William M. Lockwood, Chief Clerk of District of Columbia. ★28

Iowa Railroad Commission.

Des Moines.

John A. Guiher, Chairman, Winterset
Dwight N. Lewis, Des Moines } Commissioners.
Charles Webster, Waucoma
*Geo. L. McCaughan, Sec., Des Moines.
J. H. Henderson, Commerce Counsel, Indianola.
Walter Condran, Asst. Commerce Counsel, Des Moines.
A. T. Sindel, Chief Rate Clerk, Des Moines. ★127

Kansas—Public Utilities Commission.

Topeka.

Joseph L. Bristow, Chairman.
C. F. Foley. } Commissioners.
John M. Kinkel.
*Carl W Moore, Sec.
A. E. Helm, Commerce Counsel.
—— —— Atty.
T. J. Strickler, Engr.
M. A. Chambers, Accountant.
W. R. Scott, Rate Clerk. ★18

Kentucky R. R. Commission.

Frankfort.

Laurence B. Finn, 1st Dist., Chairman, Franklin.
Sid. T. Douthitt, 2d Dist., New Castle.
H. G. Garrett, 3d Dist., Winchester. } Commissioners.
W. J. J. Preuss, Rate Clerk, Louisville.
*Richard Tobin, Sec., Frankfort. 18

Louisiana, R. R. Commission of.

Baton Rouge.

Shelby Taylor, Chairman, Crowley.
John T. Michel, Commissioner 1st District, New Orleans.
B. A. Bridges, Commissioner, Homer.
*H. Jastremski, Secretary. 18

Maine, Public Utilities Commission of.

Augusta.

Benjamin F. Cleaves, Chairman, Biddeford.
William B. Skelton, Lewiston.
John E. Bunker, Bar Harbor.
*George F. Giddings, Clerk, Augusta.
Roy F. Leach, Asst. Clerk, Augusta.
Paul L Bean, Ch. Engr., Augusta.
Elmer E. Parkman, Chief Inspector, Augusta.
F. J. McArdle, Chief of Rates & Schedules.
Ralph A. Parker, Chief Accountant.
George A. Colburn, Auditor, Augusta. ★127

Maryland—Public Service Commission.

Munsey Bldg., Calvert & Fayette Sts., Baltimore.

Albert G. Towers, Chairman.
E. Clay Timanus. } Commissioners.
John Milton Reifsnider.

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W. Cabell Bruce, Gen. Counsel.
Osborne I. Yellott, Asst. Gen. Counsel.
*Benjamin T. Fendall, Sec.
Chas. E. Phelps, Jr., Chief Engr.
Frank Harper, Rate Expert. ★127

Massachusetts — Public Service Commission.

Boston.

Frederick J. Macleod, Chairman, Cambridge.
Everett E. Stone, Springfield.
John F. Meaney, Blackstone.
Joseph B. Eastman....Winchester.
Charles A. Russell, Gloucester.
} Commissioners.

*Andrew A. Highlands, Sec., 1 Beacon St., Boston.
Chas. E. Mann, Executive Sec., Malden.
Geo. W. Bishop, Chief Inspection Dept., Newtonville.
Henry W. Hayes. Ch. Engr., Arlington.
Lewis E. Moore, Bridge & Signal Engr., Newtonville.
C. Peter Clark, Chief Rate & Tariff Dept., Newton.
Justin W. Lester, Chief Accountant, Boston.
William H. O'Brien, Chief Telep. & Teleg. Dept., Boston. 127

Massachusetts—Board of Gas and Electric Light Commissioners.
15 Ashburton Place, Boston.

Alonzo R. Weed, Chairman.
Morris Schaff.
Solomon Lewenberg.
} Commissioners.

*Robert G. Tobey, Clerk. 127

Michigan Railroad Commission.

Lansing.

C. L. Glasgow, Chairman.
C. S. Cunningham.....
A. A. Keiser.....
} Commissioners.

*Willard N. Sweeney, Sec.
James Bice, Inspecting Engr.
M. L. Munson. Chief Clerk.
E. A. Calkins, Statistician. 18

Minnesota—Railroad & Warehouse Commission.

Capitol Bldg., St. Paul.

Ira B. Mills.
O. P. B. Jacobson.
Fred W. Putnam
A. C. Clausen, Sec.
*Thos. Yapp. Asst. Sec.'
A. L. Flinn, Rate Expert.
H. B. Warren, Statistician.
D. F. Jurgensen, Engr.
Wilfred Kearton, Signal Engr.
J. W. Howatt, Supvr. Telephones. ★18

Mississippi R. R. Commission.
Jackson.

F. M. Sheppard, President, Richton.
W. B. Wilson, Corinth.
Geo. R. Edwards, McCool.
*James Galceran, Sec., Jackson.
M. C. Moore, Rate Expert, Jackson.
T. C. Russell Asst. Rate Expert, Jackson. 18

Missouri Public Service Commission.

Jefferson City.

W. G. Busby, Chairman.
E. J. Bean
D. E. Blair
E. Flad
N. W. Simpson
} Commissioners.

*T. M. Bradbury, Sec.
A. Z. Patterson, General Counsel.
J. D. Lindsay, Asst. General Counsel.
J. L. Harrop, Chief Engineer.
T. J. Murphy, Chief Accountant.
C. B. Bee, Chief Rate Clerk.
J. A. Whitlow, Elec. Lt., Gas & Water Expert.
Geo. P. Player, Telephone Expert. 18

Montana—R. R. and Public Service Commission.

Helena.

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J. H. Hall
J. E. McCormick,
} Commissioners.

*Chas. P. Cotter, Secretary.
Fred E. Hoss, Audr.
W. J. Haynes, Rate Clerk.
Geo. E. Cottrell, Inspr. of Navigation. 18

National Association of Ry. & Utility Commissioners.

Edward C. Niles, of New Hampshire, Pres.
Charles E. Elmquist, of Minnesota, 1st V. Pres.
Charles M. Candler, of Georgia, 2d V. Pres.
*James B. Walker, of New York, Secretary, 120 Broadway, New York, N. Y.
Next convention, November 12, 1918, Washington, D. C. ★127

Nebraska State Railway Commission.

Lincoln.

Thos. L. Hall, Chairman.
H. G. Taylor.
Victor E. Wilson.
*T. A. Browne, Sec.
U. G. Powell, Rate Expert.
B. E. Forbes, Chief Engr.
Hugh La Master, Counsel. 127

Public Service Commission of Nevada.

Carson City.

H. F. Bartine, Chief.
J. F. Shaughnessy, 1st Associate
W. H. Simmons, 2d Associate
} Commissioners.

*E. H. Walker, Secretary.
F. O. Broili, Chief Engr. ★18

New Hampshire Public Service Commission.

Concord.

Edward C. Niles, Chairman.
Thos. W. D. Worthen.
Wm. T. Gunnison.
*Walter H. Timm, Clerk.
Alma E. Nilson, Asst. Clerk.
John W. Storrs, Chief Engr. 127

New Jersey — Board of Public Utility Commissioners.

State House, Trenton.

Ralph W. E. Donges, President.
John W. Slocum.
Alfred S. March
*Alfred N. Barber, Sec. 127

New Mexico — State Corporation Commission.

Santa Fe.

*Hugh H. Williams, Chairman.
M. S. Groves.
Bonifacio Montoya.
} Commissioners.

Edwin F. Coard, Clerk.
B. F. Seggerson, Rate Expert. §127

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New York—State Public Service Commissions.

FIRST DISTRICT — Official address, 120 Broadway, New York.

Oscar S. Straus, Chairman.
William Hayward.
Travis H. Whitney.
Charles S. Hervey.
} Commissioners.

William L. Ransom, Counsel.
*James B. Walker, Sec.
D. L. Turner, Ch. Engr.
C. W. Wilder, Elecl. Engr. ★127

SECOND DISTRICT—Official address, 58 North Pearl St., Albany.

Seymour Van Santvoord, Chairman, Troy.
Frank Irvine, Ithaca.
James O. Carr, Schenectady.
John A. Barhite, Rochester.
Ledyard P. Hale, Counsel, Canton.
*Francis X. Disney, Sec., Albany.
Edward C. McEntee, Executive Clerk.
H. C. Hasbrouck, Statistician, Troy.
E. J. Cheney, Chief Engr. Div. Lt., Ht. & Pwr., Albany.
C. R. Vanneman, Chief Div. Steam R. R., Albany.
C. R. Barnes, Chief Inspector, Elec. R. R., Rochester.
W. E. Griggs, Chief Div. Tariffs, Albany.
E. B. Rogers, Chief Div. Teleg. and Telep., Albany.
W. J. Henderson Chief Div. Capitalization, Albany.
A. H. Sutermeister, Engr. Grade Crossings, Albany. ★28

North Carolina—Corporation Commission.

Raleigh.

Edward L. Travis, Chairman.
W. T. Lee.
George P. Pell.
*A. J. Maxwell, Clerk.
W. G. Womble, Rate Clerk. 18

North Dakota — Board of Railroad Commissioners.

Bismarck.

S. J. Aandahl, Pres., Litchville
C. W. Bleick, Elgin
M. P. Johnson, Tolley
} Commissioners

*J. H. Calderhead, Sec.
E. F. Ladd, Grain Inspector.
H. R. Clough, Ch. Clerk.
J. A. Little, Rate Expert and Statistician.
F. M. Schulz, Elevator Accountant. ★18

Ohio—The Public Utilities Commission of. Office, 9th floor, State Office Bldg., Columbus.

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Beecher W. Waltermire.
Byron M. Glen Deniag
} Commissioners

*H. L. Goodbread, Secretary.
E. H. Hanna, Statistician and Auditor.
D. E. Butler, Supt. Bureau of Rates and Service.
D. S. Archer, Asst. Secretary.
T. E. Green, Telephone Expert.
L. G. White, Electrical Expert.
C. V. Critchfield, Gas Expert.
C. A. Radcliffe, Attorney. ★18

Oklahoma Corporation Commission.

Oklahoma City.

J. E. Love, Chairman, Woodward.
Campbell Russell, Warner.
W. D. Humphrey, Nowata.

*J. H. Hyde, Secretary.
L. Bennett, Rate Expert.
H. W. Hubenthal, Telephone Engr.
A. I. Thompson, Engineer.
A. L. Mitchell, Gas & Elec. Engr.
J. M. Gayle, Audr. ★18

Oregon — Public Service Commission of.

Salem.

Frank J. Miller, Chairman.
H. H. Corey.
Fred. G. Buchtel.
} Commissioners

*Ed. Wright, Secretary.
W. T. Neill, Elec. Engr., Dept. Utilities
T. C. Davies, Ratio Tariff Clerk ★18

Pennsylvania—Department of Internal Affairs, Bureau of Railways.

Harrisburg.

*Paul W. Houck, Sec. of Internal Affairs
F. C. Gerberich, Ch. Bureau of Rys.
J. F. Bierstein, Asst. Ch. Bureau of Rys., Harrisburg. 127

The Public Service Commission of The Commonwealth of Pennsylvania.

Harrisburg.

William D. B. Ainey, Chairman, Montrose.
John S. Rilling, Erie.
Milton J. Brecht, Lancaster.
James Alcorn, Philadelphia.
Michael J. Ryan, Philadelphia.
} Commissioners.

*Archibald B. Millar, Secretary.
Berne H. Evans, Counsel.
——— ———, Asst. Counsel.
Wm. Hartman, Marshal.
John P. Dohoney, Investigator of Accidents.
F. Herbert Snow, Chief, Bureau of Engineering.
H. E. Ehlers, Chief, Bureau of Rates and Tariffs.
Coleman J. Joyce, Chief, Bureau of Accounts and Statistics. ★127

Porto Rico—Public Service Commission

San Juan.

*Mr. de Hoston, Sec. ★18

Rhode Island — Public Utilities Commission of.

Room 121 StateHouse, Providence.

William C. Bliss, Chairman, East Providence.
Samuel E. Hudson, Woonsocket.
Robert F. Rodman, North Kingstown.
*John W. Rowe, Sec. 18

South Carolina R. R. Commissioners.

Columbia.

John G. Richards, Chairman, Columbia.
Frank W. Shealey.
James Cansler.
} Commissioners

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South Dakota R. R. Commissioners.
Pierre.

J. J. Murphy, Chairman.
F. E. Wells, V. Chairman.
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Oliver E. Sweet, Counsel for Bd.
D. L. Kelly, Traffic Expert.
Ross Miller, Engr. R. R. & Telep.
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H. H. Hannah
Geo. N. Welch
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*(Miss) Willie Fields, Sec.
J. O. Hendley, Rate Clerk. 18

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Austin.

Allison Mayfield, Chairman.
Earle B. Mayfield.
C. H. Hurdleston.
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*E. R. McLean, Sec.
R. D. Parker, Civil Engineer.
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Joshua Greenwood, Pres.
Henry H. Blood.
Warren Stoutnour.
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*T. E. Banning, Secretary. 18

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Wm. R. Warner, Vergennes.
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Wm. F. Rhea.
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Arthur A. Lewis
Frank R. Spinning
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*J. H. Brown, Secretary.
O. O. Calderhead, Rate Expert.
T. E. Phipps, Chief Engr. Valuation Work. 18

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E. F. Morgan, Chairman.
E. G. Rider.
George R. C. Wiles.

R. B. Bernheim, Secretary.
*Charles O. Wolfes, Chief Clerk ★127

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Madison.

Carl D. Jackson. Chairman.
Henry R. Trumbower
John S. Allen.
} Commissioners.

*H. L. Geisse, Sec. 127

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Cheyenne.

Frank L. Houx, (Actg. Governor), Chairman.
R. B. Forsyth (Audr.), Vice-Chairman.
Herman B. Gates, Treas.
} Ex-Officio

*H. A. Floyd, Sec. 18

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ALPHABETICAL LIST

OF

Electric Railway Officials

IN THE

United States, Canada, Mexico and West Indies.

The figures preceding the name correspond with the number of the railway with which the official is connected, as shown in the geographical list.

521—Aage, R. L.
1196—Aaron, Marcus
1521—Aaze, R. L.
752 —Abbe, H. A.
406—Abbott, Gordon
1233—Abbott, G. E.
349—Abbott, G. M.
68—Abbott, W. M.
76—Abbott, Wm. M.
665, 667, 670—Abel, Howard
692, 1121—Abell, H. C.
749—Abelson, N.
398, 424, 425, 437—Abercrombie, D. P., Jr.
541—Abercrombie, J. R.
1097—Abernathy, F. L.
332—Abington, A. L.
332—Abington, S. W.
166, 209, 229, 230, 238, 566—Achelpohl, W. J.
900—Achenbach, H. J.
802—Ackerman, E. O.
793—Ackerman, M.
513—Ackerman, Otto
987—Adair, W. R.
194—Adams, Edward D.
175, 556—Adams, E. W.
1017—Adams, Frank
175—Adams, F. M.
975—Adams, Geo. J.
607—Adams, Gideon
162—Adams, H. B.
178—Adams, H. H.
1159—Adams, Jno. H.
48—Adams, Julian
83, 86—Adams, J. L.
1028, 1097—Adams, J. L.
469—Adams, Melvin O.
365—Adams, T.
439, 467—Adams, Walter L.
17—Adamson, Wm.
1058—Addicks, C. J.
645, 649, 652, 716, 717, 720, 725, 746—Addison, C. L.
542, 547—Adkins, Jas.
680—Adler, Fred H.
651—Adsit, Chas.
1315—Aguilar, Eduardo I.
1329—Aguirre, Frank Monzon
1276—Ahearn, J. M.
1276, 1277—Ahearn, T.
839—Ahlborn, G. H.
891—Ahrens, Howard E.
969—Aiken, Chas.
136, 146—Aiken, F. D.
1025, 1027—Aikens, H. Hayes
456—Ainsworth, Deane R.
745—Aitkin, J. H.
52—Alberger, W. R.
39—Albert, E. T.
594—Albertson, Jos.
925—Albin, H. A.
1315—Alcalde, Alfredo B.
1317—Alcantara, E.
419—Alden, Wm. M.
578—Aldrich, H.
446—Aldrich, H. M.
510a—Alexander, A. S.
198, 208—Alexander, E. D.
1184—Alexander, E. W.
1197—Alexander, G. M.
86—Alexander, H. J.
147—Alexander, J. L.
973—Alexander, Norman S.
283—Alexander, R. R.
228, 228a—Alexander, W. C.
1a—Alford, Wiley
266—Alker, H. J.
879—Allaman, D. W.
603—Allegaert, E. J.
249—Allen, C. H.
957—Allen, C. H.
887, 751, 752, 753—Allen, C. Loomis
765—Allen, C. S.
353, 354—Allen, E. B.
301—Allen, E. C.
687—Allen, G. R.
554—Allen, H. M.
556—Allen, J. M.
768—Allen, J. M.
402—Allen, J. Walter
89—Allen, P. W.
1149—Alley, W. C.
970—Allport, J. H.
192, 314—Allyn, A. C.
48—Alspach, F. A.
1315—Alvarez, José
265—Alvey, J. W.
773—Ammenhauser, Wm.
505—Ames, A. E.
1207—Ames, H.
1052—Ames, John O.
1332—Amezaga, Luis
966—Anders, Dan'l M.
318—Anderson, A. C.
513—Anderson, Andrew
309, 310—Anderson, Clark G.
482—Anderson, Edw.
352—Anderson, G. S.
597, 979, 981—Anderson, H. D.
975—Anderson, J. P.
1290, 1293—Anderson, James
1220, 1227—Anderson, John
557—Anderson, J. H.
150—Anderson, J. J.
127—Anderson, J. M.
1065—Anderson, J. R.
931—Anderson, J. W.
1287—Anderson, O. V.
584—Anderson, R. A.
818—Anderson, R. B.
517—Anderson, R. K.
1052—Anderson, R. R.
48—Anderson, S. H.
1232—Anderson, Wm.
126—Anderson, W. B.
971—Andrew, Geo.
636, 741, 745. — Andrews, Horace E.
706—Andrews, J. K.
1229—Andrews, L. B.
1309—Andrews, N.
1066—Andrews, Ray
506—Andrist, Chas. M.
485—Andrus, L. B.
518—Anerswald, P.
1263—Angus, W. G.
48—Annable, F. L.
109—Anthony, Nathan
365—Apgar, H. D.
274, 276—Appel, Jno. J.
863—Apple, S. A.
605—Applegate, George
17—Applewhite, S. P.
508—Appleyard, Arthur E.
481—Apted, W. M.
1333—Arabitg, Arturo
523—Archer, L. H.
1308—Archibald, G. D.
499—Ardley, W. H.
133, 134—Arkwright, P. S.
966—Armitage, Percival
395—Armstrong, Alex.
770—Armstrong, E. C.
864—Armstrong, E. E.
448—Armstrong, F. J.
669—Armstrong, H. N.
136—Armstrong, J. M.
1242—Armstrong, J. V.
1127—Armstrong, R. W.
330—Armstrong, S. P.
503—Armstrong, Thos. A.
135—Armstrong, W. B.
494—Arney, W. E. Roy
708—Arning, M. H.
181—Arnold, Bion J.
1228—Arnold, B. W.
252—Arnold, H. C.
145—Arnold, H. J.
461—Arnold, John A.
554a, 555—Arnold, John B.
181—Arnold, R. G.
51—Arnstein, W.
17—Arthur, R. G.
585—Asay, A. R.
694—Ashdown, Cecil S.
1331—Ashley, H. L.
1230—Aspnes, E. A.
1176—Aston, T. G.
536—Atchley, E. B.
151—Atherton, C. H.
930—Atherton, F. B.
622, 638, 646, 735, 754—Atherton, H. F.
1176a—Atkins, C. D.
147—Atkins, J. W.
291, 292—Atkinson, C. E.
122—Atkinson, Jas. K.
975—Atterbury, W. W.
1202, 1205, 1206, 1208 — Atwood, W. B.
1330—Auer, Francisco
1145—Ault, D.
775—Aune, Toney
726—Aust, J.
381—Austin, C. O.
977—Austin, E. L.
520—Austin, F. G.
128—Austin, Louis
998—Austin, W. C.
343—Austin, W. W.
301—Averill, Glenn M.
751, 752—Avery, G. W.
1149—Avery, Jas. T.
1060—Axtell, J. H.
734—Ayers, Carl
755—Ayers, J. R.
314—Ayling, C. L.
781—Ayres, O. K.
767—Ayres, R. M.

530—Ayres, W. T.
14—Azbell, D. P.

41, 67, —Babcock, A. H.
1052—Babcock, C. A.
56—Babcock, E. S.
1290—Babson, A. C.
1311—Baca, Juan B.
606—Bachman, Jno. A.
869—Bachman, S. M.
352, 884, 980—Bacon, F. W.
1078—Badger, H. S.
831—Badger, W. H.
753—Badgero, Milford
221—Baethke, J. H.
87—Bagby, W. N.
648—Bagg, F. A.
988—Bagley, F. P.
1198—Bailey, C. S.
1069—Bailey, C. W.
805—Bailey, F. W. C.
523—Bailey, F. L.
233, 234—Bailey, R. W.
1197—Bailey, Wm.
727—Bailey, W. P.
278—Baird, H. G.
1151—Baird, J. A.
1267—Baird, J. L.
816—Baker, C. B.
718—Baker, C. D.
888—Baker, C. E.
421—Baker, C. F.
883—Baker, C. M.
313—Baker, C. T.
287—Baker, Frank J.
888—Baker, Floyd
632—Baker, Geo.
981a—Baker, G. B.
869—Baker, G. W.
397—Baker, Henry F.
1116—Baker, H. L.
790—Baker, Thorne
1190—Baker, W. C.
800—Baker, W. F.
33—Balch, A. C.
62 568—Baldwin, A. N.
183—Baldwin, A. S.
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80—Baldwin, H. T.
1276—Baldwin, R. A.
1276—Baldwin, W. H.
1112—Baldwin, W. W.
249—Balfour, C. O.
31—Ball, A. W.
289—Ball, E. B.
289—Ball, F. C.
289—Ball, G. A.
1055—Ball, James
289—Ball, Wm. C.
443, 444—Ballantine, A. A.
687—Ballard, F. L.
1271—Ballard, Herbert
24, 25, 323—Ballard, Roy E.
89—Ballard, W. P.
680—Ballen, A. M.
682—Balliet, H. S.
1267—Baltzer, A.
944—Baluss, H.
1129—Bamberger, Julian M.
596—Bamford, Walter
1220, 1293—Bampton, Jos.
401—Bancroft, C. F.
643—Bange, C. M.
639—Banghart, C. S.
388—Bankard, E. H.
886—Banks, S. L.
81—Bann, W. E.
735—Barber, H. L.
502—Barber, R. T.
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10—Barclay, Charles
105—Bardo, B. F.
105—Bardo, C. L.
28—Bare, E. M.
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364—Barilleaux, F.
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150—Barker, John T.
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1281—Barkwell, M. R.
886—Barley, W. J.
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938—Barnard, Frank
694—Barnard, H. F.
34—Barnard, H. H.
526—Barnes, C. A.
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276—Barr, Edw.
1014—Barr, Manfred H.
1129—Barraclough, H. F.
1319—Barreda, Canuto
55—Barrett, Chas. L.
623—Barrett, H. J.
1149—Barrett, J. H.
560—Barrett, W. A.
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709—Bauer, G. F.
838—Baughn, C. J.
1331—Baumann, Fred'k W.
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489—Bawden, F. J.
1255—Bawtinhimer, J. A.
271—Baxter, Amos
1318—Baxter, C. D.
576—Baxter, Geo. D.
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956—Baxter, W. M.
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1212—Baylies, O. S.
1212—Baylies, R. N.
1332—Bea, Pedro, U.
648—Beach, E. J.
625—Beach Fred'k H.
1069—Beach, W. E.
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25—Beard, R. D.
102—Beardsley, F. L.
1287—Beasley, H. H.
1130—Beason, Ross
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1260—Beatty, E. W.
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1295—Beaudry, N. E.
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183—Beck, Burt. A.
1023—Beck, Chas. L.
583—Beck, H. S.
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162—Beck, Martin
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220—Beckman, Henry
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691—Benoist, Lee
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1122—Bentley, A. F.
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951—Bentz, A. S.
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300—Bentzinger, D. D.
695—Berg, Joseph L.
515—Bergeson, J. O.
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233—Bergschneider, A. S.
1144—Berkeley, N. W.
1015—Berkey, J. A.
79—Bernard, A. W.
312, 313—Bernd, O. H.
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567—Berney, E. S.
393—Bernhard, Lyman C.
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377, 379—Berry, Chas. F.
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662—Berry, F. S.
605—Berry, H. C.
223—Berry, H. H.

387—Berry, J. H.
1327—Berry, Jose
103—Berry, J. F.
389—Berry, J. T.
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318—Berryman, A. L.
1161—Bertrand, P. A.
1172—Best, W. E.
489—Bethel, F.
511—Bethel, W. N.
1244—Beveridge, J. B.
81—Bibb, C. E.
157—Bickel, Paul S. A.
560—Bickenbach, H. L.
560—Bickford, W. M.
1066—Bickham, D. F.
687—Bickle, H. W.
833, 842—Bicknell, Warren
645, 649, 652, 716, 717, 718, 720, 725, 746—Bierck, A. B.
235—Bierd, W. G.
1034—Bierman, Jno.
290—Biery, Hudson R.
599—Bigelow, Chas. H.
339, 341—Bigelow, E. S.
694—Biggs, Geo. W.
965—Bigham, Kirk O.
970—Bigler, H. F.
640, 642—Bigoney, D. W.
687—Bikle, H. W.
1165—Bilberback, V. A.
48—Billhardt, F. E.
548—Billings, E. H.
855—Billings, R. D.
379—Billings, W. C.
524—Billingsley, J. W.
612, 613, 615—Bilyeu, Walter T.
1263—Binkley, J. O.
631, 632—Binkley, M. J.
300—Birck, Chas.
383—Bird, Alan L.
363—Bird, F. A.
140—Bird, T.
130—Bird, W. M.
383—Bird, W. C.
290—Bird, W. W.
506—Birdsall, Otis
364—Birg, Jos.
1263—Birge, Cyrus A.
951—Bishop, C. H.
1152, 1156—Bishop, E. A.
718—Bishop, G. C.
391—Bishop, Geo. T.
48—Bishop, S. A.
806—Bitzer, C. E.
68—Bivins, W. T.
382—Black, Alfred S.
382—Black, Fred C.
1307—Black, H.
954—Black, Jos. E.
765—Black, T. L.
402—Blackburn, A. J.
270—Blackburn, C.
557—Blackburn, Chas. A.
319—Blackburn, J. C.
1066—Blackburn, W. J.
217—Blackhall, J. R.
721, 722, 723—Blackham, H. J.
535—Blackshear, Louis
1151—Blackwell, J. T.
563—Blalklock, John B.
1299—Blair, D. E
176, 184, 185, 187—Blair, E. J.
252, 253—Blair, Forrest, J.
1307—Blair, G. F.
177, 178—Blair, Henry A.
1042—Blaisdell, B. H.
678—Blake, E. M.
302—Blake, J. E.
918—Blakeslee, Austin
1182—Blakeslee, D. A.
918—Blakeslee Irvin
917—Blakeslee, Robt. B.
163—Blakinger, L.
49—Blanchard, F J.
1140—Blanchard, H. H.
1070—Bland, H. R.
528—Blanks, A. T.
1187—Blanks, D. H.
781, 835a—Blatt, John M.
1176—Bleecker, H. L.
138, 139—Bleecker, John S.
497—Blesch, G. A.
779—Blinn, A. C.
221—Blish, J. K.
688—Bliss, Walter P.
358—Blizard, M.
923—Blocher, A.
214—Blockburger, H. F.
1218—Blodgett, E. A.
1131—Blodgett, W. E.
990a—Blood, G. B.
1019—Bloom, W. H.
700—Bloesom, Francis
923—Blough, John
1396—Blouin, J. C.
366—Blum, Lawrence
276—Boardman, A. J.
682—Boardman, F.
233—Bode, C. E.
1244—Boden, Thos.
982—Bodine, S. T.
1220, 1227—Boehm, F. J.
64—Boeken, Fred
817—Boesel, Julius
83, 86—Boettcher, Claude K.
600—Bogardus, Marvin J.
968—Boggs, R. H.
1097—Bogue, J. L.
285, 286—Bohannan, C. R.
806—Bohnson, B.
1009—Boileau, W. E.
491, 1211—Boisen, L. W.
609—Bokler, Wm. G.
602, 614—Bolen, N. W.
143—Bolin, M. A.
221a—Bollin, Frank
790—Bolls, Duffy
398, 424—Bolster, Leon
988—Bolton, C. H.
352—Bonfield, J. J.
179—Bonner, D.
1022—Bonynge, Wm. H.
1145—Booker, R. M.
526—Booth, C. B.
101—Booth, J.
115a, 121—Boothe, Gardiner E.
684, 975—Booz, H. C.
608—Borden, S. W.
135—Borger, J. J.
1089—Born, E. A.
854—Borton, Fred S.
1333—Bosch, Jose
233—Bosenbury, J. M.
866, 879, 1117, 1118—Boaler, Chas. H.
1302—Bosse, H. G.
1103, 1104—Bostick, H. Tully
786—Boswick, W.
874—Bottcher, J. W.
474—Botts, L. W.
530—Boucher, W. L.
849—Boulay Co., L. A.
879—Boulton, Chas.
38—Bourne, M.
486, 779—Bourne, G. H.
445—Bourne, J. D.
275—Bouslog, H. C.
622—Bowe, T. P.
643—Bowen, C. E.
778—Bowen, Geo. W.
116, 119—Bowen, S. R.
1054—Bowen, T. O.
950—Bower, A. W.
682—Bower, W. C.
61—Bowes, Alfred
877—Bowie, G. W.
1a—Bowles, J. H.
1191—Bowling, H. F.
334—Bowlus, Thos. H.
124—Bowman, A. B
105—Bowman, A. W.
1287—Bowman, E. C.
162—Bowman, J. W.
955—Bowman, S. M.
955—Bowman, T. H.
842—Bowser, Clyde
963, 986—Boyce, W. H.
660—Boyd, F. N.
583—Boyd, Jno. H.
294—Boyd, John T.
975—Boyd, O. T.
1021—Boyd, R. H.
1285, 1289—Boyd, W. B.
402—Boyden, J. P.
836—Boyed, Chas.
869—Boyer, Lee
859—Boyer, J. M.
297—Boyer, Ralph W.
211—Boyington, C. W.
1180—Boykin, R. M.
602, 614—Boylan, Matthew R.
303—Boyle, J. P.
353, 354—Boyle, Sam'l. G.
1065—Boyles, W. A.
886—Boynton, B. F.
825—Boysell. H. L.
4—Brabeton, T. G.
270—Bracey, S. H.
1062—Bracken, E. P.
401—Bracken, T.
731—Brackenridge, J. C.
74—Brackenridge, W. A.
83, 86—Brackett, W. S.
928—Bracy, Wm.
1213—Bradburn, C. R.
84—Bradbury, J. H.
805—Bradfield, J. O.
376, 378, 380—Bradford, Frank H.
125, 408, 409—Bradlee, Henry G.
48—Bradley, A. C.
139—Bradley, A. S.
303—Bradley, D. C.
411, 576, 1137—Bradley, E. A.
66—Bradley, F. W.
3, 4—Bradley, Lee C.
1064, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1111—Bradley, Luke C.
402—Bradley, M. C.
213—Bradley, Ralph R.
975—Bradley, V. J.
377, 379—Bradley, Wm. M.
1068—Bradley, Wm. M.
40—Bradner, Geo. H.
1161—Bradner, H. A.
277—Bradtmiller, H. W.
249—Brady, Arthur W.
284—Brady, Peter
799—Bragdon, Roy
209, 210, 229, 233, 234, 288, 322, 533—Bramble, B. E.
561, 562, 568—Bramlette, J. M.
1314—Branderburg, T.
523—Brandli, H. E.
774—Brandon, H. M.
1313—Branger, Leon
1266—Branigan, D. P.
531—Brannon, J. W.
1202, 1205, 1206, 1208—Branson, H.
490—Branzell, Chas.
65—Brasell, J. K.
508—Bratnober, C. A.
508—Bratnober, C. P.
867—Brauer, Geo. H.
911, 963, 986, 990, 995—Braun, C. J., Jr.
502—Braun, Math.
1333—Bravo, F.
333—Brazel, Crad
1289—Break, John
1247a—Breau, Fred.
162—Breckinridge, R.
513—Breckner, Andrew
602, 603, 614—Breder, Chas. M.
848—Bredlan, Fred.
51—Breeden, H. C.
139—Breese, W. F.
1109—Breidenbach, Wm F.
1267a—Breithaupt, W. H.
754—Brennan, A. C.
622—Brennan, Chas.
266—Brennan, J. J.
853—Brennan, Thos. J.
959—Brenner, N. G.
537—Brent, H. C.
735—Bresette, Jas.

1132—Breuland, H.
641—Brewer, E. H.
485, 521, 1214, 1229—Brewer, Joseph H.
162—Brewer, J. L.
1111—Brewster, C. R.
320—Brice, W. E.
846—Brickner, Geo.
764—Bridgers, J. H.
869—Bridges, C. W.
80—Bridges, F. G.
1161—Bridges, J. B.
55—Bridges, M. H.
252—Briggs, A. G.
1072—Briggs, C. A.
778—Briggs, E. H.
379—Briggs, F. S.
385—Briggs, F. W.
602, 614—Briggs, H. D.
957—Briggs, Jas.
919—Briggs, M.
196—Brilley, P. J.
7—Brindley, A. R.
133, 134—Brine, G. W.
1097—Brinkerhoff, A. D
1156—Brinkley, R. J.
597—Brinley, H. D.
931—Brinser, C. L.
190—Brion, E. A.
361—Brister, C. E.
99—Bristol, W. P.
387—Britton, C. G.
55—Britton, John A.
24—Brizzolara, John
687—Broadaway, E. B.
655, 656, 657—Broadhead, A. N.
655, 656, 657—Broadhead, S. B.
655, 656, 657—Broadhead, Wm. A.
1200, 1201—Broadwater, R.
167—Brokaw, J. V.
855—Bromley, H. W.
481—Bronner, E. D.
682—Bronson, Miles
359—Bronton, C.
396—Brooke, Chas. F.
540—Brooks, Albert W.
738—Brooks, Chas. A.
475, 476, 477, 478, 479, 480, 1290, 1293—Brooke, F. W.
480—Brooks, Jr., Frank W.
610—Brooks, G. H.
136—Brooks, J. P.
571—Brooks, Nath. G.
82—Brooks, P. E.
990a—Brooks, Thos.
785, 1013—Brooks, Thos. R.
610, 981a—Brooks, Walter W.
654—Brooks, Wm.
875—Broome, J. F.
1027—Brosius, J. T.
750—Brown, A. D.
449—Brown, Arthur K.
799—Brown, A. V.
199—Brown, Baxter L.
1090—Brown, R. B.
851—Brown, C. A.
50—Brown, C. E.
777—Brown, C. P.
136—Brown, Chas.
47—Brown, Chas. P.
1190—Brown, Clarence, M.
1048—Brown, Edward A.
233—Brown, E. O.
1052—Brown, Frank H
135—Brown, F. Q.
494—Brown, F. W.
211—Brown, George
728, 750, 755—Brown, Geo. N.
788—Brown, H.
1248—Brown, H. A.
128—Brown, H. B.
834—Brown, Jr., H. D.
502—Brown, H. H
497—Brown, Harry J.
36—Brown, H. O.
706—Brown, H. S.
932, 933—Brown, James
969—Brown, James Crosby
1271—Brown, James R.
256—Brown, John
147—Brown, J. G.
115—Brown, J. Henry
1090—Brown, J. L.
1180—Brown, J. Newlin
1130—Brown, J. R.
1078—Brown, Jno. P. W.
1188—Brown, J. W.
770—Brown, J. W.
897—Brown, John Wilson
960—Brown, L. G.
401—Brown. L. H.
254, 275—Brown, L. M.
1282—Brown, Neal
368—Brown, Nelson H.
1316—Brown, R. C.
906, 907—Brown, R. W.
626—Brown, S. W.
345—Brown, W. E.
1174—Brown, Walter M.
1085—Browne, Jas. A.
521—Browne, J. W.
437—Brownie, Thomas
1135—Brownell, C. W.
696—Brownell, G. G.
1127—Browning, M. S.
946—Brubaker, H. W.
917—Brubaker, W. B,
401—Bruce, David
874—Bruce, Jos. G.
1028a—Bruch, W. R.
78—Brueck, Karl C.
798—Brueggemann, Frank F.
1174—Brumleve, H. B.
1237—Brunless, W. J.
896, 921, 922,—Brunner, Chas. B.
585—Brunner, L. W.
379—Brush, G. Sabin
402—Brush, Matthew C.
586—Bryan, Claude
547—Bryan, Walter E.
338—Bryant, Henry F.
1156—Bryce, W. F.
298—Bryson, B. H.
960—Bubb, W. B.
1156—Buchanan. C. B.
1065, 1067—Buchanan, G. W.
1195—Buchanan. J. K.
702b, 705—Buchanan. Jr., R.
139—Buchanan. W. B.
1002, 1003, 1004—Bucher, J. H.
211—Buck, George
568—Buck. Jno. A.
1214—Buck, N. N.
685—Buck, R. S.
1060—Buckheister, B. A.
1261—Buckingham, W. E.
105, 758—Buckland, E. G.
258—Bucklen, H. E.
258—Bucklen, H. R.
438—Buckley, D. J.
254, 275, 285, 286—Buckman, H. H.
428—Buckner, M. N.
176, 184, 185, 187, 190, 213—Budd, Britton I.
960—Budd, W. B.
1301—Budden. H. G.
724—Buddenhagen. E. H.
48—Bugbee, Geo. L.
802—Bulkeley, W. V. C.
1307—Bull, E. W.
651—Bull, Robt. W.
67—Bull, W. F.
475, 476, 477, 478, 479, 480—Bullen, Harry
1251—Bulley, J.
882—Bullis, R. S.
882—Bullis, S M.
882—Bullis, S. S.
358—Bullitt. H. H.
632, 643, 946, 947—Bullock, Geo.
159, 201—Bullock, G. W.
670—Bullock, Harry A.
46—Bulpin, Thos. W.
270—Bumgamer, M. B.
697—Bump, Milan, R.
1216—Bunde, A. L.
633—Bundy, Nathan A.
333—Bunker, L. A.
645, 652, 684, 687, 716, 718 720, 725 746, 975—Bunting, C. M.
175, 556—Bunting, G. J.
143—Burch, J. W.
888—Burckhalter, F. L.
1188—Burdett, A. W.
406—Burdett, E. W.
1082—Burdett, W. H.
475, 476, 477, 478, 479, 480—Burdick, E. J.
82—Burgdorf, M. J.
799—Burge, L. K.
471—Burgess, G. H.
547—Burgess, J. E.
361a, 361b—Burgis. E. W.
802—Burington, H. M.
802—Burington, P. V.
337—Burk, W. H.
262, 351—Burke, Geo. W.
482—Burke, J.
685—Burke, Martin E.
1207—Burkley, Jacob B.
629—Burley, Vine W.
875—Burnett, B. C.
48—Burnett, C. H.
1183—Burnett, E. T.
561, 562—Burnham, S. H.
59—Burns, E. J.
1169—Burntrager, W. K.
1276, 1277—Burpee, F. D.
1276,—Burpee, H. T.
998—Burr, Jas. B.
1302—Burran, Lewis
848—Burrill, E. A.
1079—Burrington. A. V.
185—Burriss, J. R.
175—Burroughs, F. D.
1078, 1074—Burroughs, W. H.
1165—Burrows, Geo.
676, 689, 761—Burrows, Walter C.
1141—Burt, C. E.
408—Burt, C. M.
14—Burt, H. H.
1120—Burton, E. O.
648—Burton, Frank
214—Burton, W. W.
1259—Bury, Geo.
172, 178, 178, 186—Busby, Leonard A.
883—Busch, A. E.
556—Busch, A. J.
1218—Buscher, A. L. (Miss)
1082—Bush, D. A.
352—Bush, Henry
666—Bush, Irving T.
145, 294, 525, 1070—Bush, S. S.
1158—Bush, W. T.
512—Bushnell, F. A.
390—Bushnell, H. C.
841—Bushnell, Jno. L.
1124—Bushon, Tom
471—Buswell, H. E.
1288—Butcher. Frank
598—Butcher, Jas. H.
402—Butler, A. L.
180—Butler, F. L.
527—Butler, Jas. S.
401—Butler, T. J.
895—Butler, W. A.
404, 405—Butler, Wm. M.
28—Butterfield, J. H.
402—Butterworth, Louis H.
38—Butterworth, Wm.
804—Buttler. J. M.
409—Buttrick, Stedman
786—Byers, Jno.
1022—Byles, Axtell J.
24, 189, 323, 1068—Bylesby, H. M.
1326—Bynoe, D.
522—Bynum, Chas.
1299—Byrd, A. S.
729—Byrne. J. A.
1019—Byrod, Fred'k. S.
175—Byram, H. E.
585—Cade, G. B.
741—Cadle, C. L.

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570—Caffey, J.
663—Cahill, Geo. H.
84—Cahill, Jas.
736—Cain, J. E. S.
108—Cain, J. H.
998—Cairns, L. S.
1006—Cairns, W. L.
970—Calahan, C. L.
1255—Calbeck, F. J.
1116—Calder, C. E.
159—Caldwell, C. A.
828—Caldwell, James H.
1064—Caldwell, Joseph
607—Cale, R. A.
736, 759—Calhoun, J. H.
1274—Callaghan, J. J.
559—Callaghan W. C.
1220—Callender, D. E.
990, 995—Callery, Jas. D.
906, 907—Callihan, D. Guy
888—Calloway, W. B.
993—Calvert, Harry S.
942—Cambria Trust Co.
547—Cameron, Bruce
424—Cameron, C. J.
363—Cameron, H. F.
939—Cameron, Robt.
1078—Cameron, W. G.
1172—Campbell, A. D.
105—Campbell, B.
819—Campbell, D.
1041—Campbell, Gordon
1334—Campbell, H. A.
446—Campbell, Harold J.
435—Campbell, H. L.
987, 988—Campbell, J. B.
679, 685, 702, 719—Campbell, J. H.
586, 587, 607 — Campbell, John M.
573—Campbell, J. P.
1292—Campbell, M. R
1279—Campbell, Malcolm, C.
933—Campbell, Milton
1115—Campbell, P.
345—Campbell, R. B.
198, 208—Campbell, W. L.
802—Campbell, W. C.
1113—Campos, Jose
399, 399a, 438, 457, 459, 464, 465, 471, 472—Candee, Leverett
1332—Canizo, Bautista
475, 476, 477, 478, 479, 480—Cann, W. E.
1016—Cannon, J. M.
1016—Cannon, M. M.
893—Cantlin, A. H. S.
29—Cantrell, D. H.
1097—Caple, J. E.
510a—Cappelen, F. W.
1333—Carbonell, Rafael
640—Carbutt. R. F.
75—Cardiff, R. L.
1328—Cardona, Gabriel
333—Carey. Emerson
333—Carey, Howard J.
1280—Carey, Jno.
835a—Caris, F. P.
16—Carlberg, Wm. C.
542, 547 — Carleton, Murray
209, 210, 233, —Carley, R. F.
114—Carll, D. S.
737—Carlow, Frank
1218—Carlson, A.
162—Carlson, Jno.
88—Carlton, A. E.
682—Carlton, W. G.
16—Carmien, Roy
166, 209, 220, 233, 236, 238, 322, 328, 346, 533—Carnahan, W. H.
1267—Carnegie, J.
400—Caron, A.
679—Carpenter, C. E.
818, 825—Carpenter, F. D.
1077—Carpenter, John H.
548—Carpenter, Robt. L.
1185—Carpenter, W. M.
763, 771—Carr, H. H.
981, 982a—Carr, Henry P.
849, 851—Carr, S. D.
879—Carr, S. H.
291, 292—Carr. W. F.
766—Carraway, Leake
1166, 1171—Carrick, K. K.
291, 292—Carrier, G. V.
1071—Carrier, Robt.
673—Carrigan, Harry A.
767—Carrington, T. E.
119—Carroll, J. W.
369—Carroll, Leigh
929—Carruthers, John
125—Carroll, R. G.
1215—Carson, A. G.
790—Carson, Chas. W.
503—Carson, J.
260, 262, 351, 357—Carson, Wm. A.
911, 963, 986, 990, 995—Carson, W. B.
481, 682, 741 — Carstensen, John
523—Carter, A. J.
1143—Carter, C. L.
732—Carter, R. A.
1232—Carter, R. B.
696—Carter, Thos I.
1106—Carter, Wilbur A.
350, 1186 — Cartwright, W. Y.
885—Carver, N B.
885—Carver, Stephen
1314—Casasus, Joaquin D.
496—Case, Fred. S.
757—Case, W. E.
31—Casey, W. E.
86—Casey, W. E.
170—Casey, Wm.
852—Cash, C. C.
452—Cashman, M. J.
1145—Caskey, G. H.
327—Cass, C. D.
327—Cass, J. F.
327—Cass, L. S.
111—Cassidy, J. H.
1334—Cassidy, W. C.
151—Castle, A. L.
151—Castle, G. P.
742—Castle, K. B.
263—Castleman, J. G.
570—Castner. Frank L.
1328—Castro, Ernesto
1328—Castro. W. R.
1315—Cataño, Francisco
218—Catchfal, Ed.
597—Cater, F. A.
1066—Cates, Ray
919—Cato, John
510—Caufield, J. J.
798—Cavanaugh, H. B.
415, 422, 455a 462—Cavanaugh, M. A.
415—Cavanaugh. Ray
462—Cavanaugh, T. F.
531—Cayce, M. P.
499. 1298—Caye, Geo. W.
510—Caywood, Geo.
1a—Center, E. S., Jr.
621—Ceperley, T. H.
813, 840—Chadderdon, G. C.
206—Chaffee, Geo. J.
1075—Chamberlain, F. H.
390—Chamberlaine, R. L.
81—Chamberlin, C. S.
499—Chamberlin. E. J.
682—Chambers, C. H.
1127—Chambers. E. H.
112, 313—Chambers, F. C.
474—Chambers, Henning
134—Chambers, J. T.
457—Chambers, Roy
916—Chambers. W. S.
167—Chandler, G. W.
352, 980 — Chandler, Percy M.
1296—Chandonnet. A.
180—Chaney, L. P.
479—Chapaion, Oliver
957—Chapin, A. O.
71, 72—Chapin, F. E.
429—Chapin, Geo.
290—Chaplin, Jas. C.
1187, 1197—Chapman, C. B. W.
849—Chapman, C. F.
110—Chapman, Chas. H.
262—Chapman, C. W.
103, 106—Chapman, E. T.
480—Chapman, Geo. A.
52—Chapman, M. C.
657a—Chapman & Graham
1175—Charles, M. G.
802—Chase, B. L.
413—Chase, Frank
401—Chase, G. S.
834—Chase, J. C.
93—Chase, N. L.
979—Chase, P. H.
532—Chase, R. E.
634, 635—Chavel, C. A.
1296—Chenard, D.
546—Cheney, Chas. A.
327—Cheney, C. M.
1059—Cherry, J. M.
766—Cherry, J. R.
623, 750a, 758—Cherry, T. C.
596a—Chesebrough. W. H.
143—Chestney, B. R.
325—Chetham, H. A.
1314—Chevannier, Francisco
603—Chew, Robt. B.
694a. 1002, 1003, 1004—Cheyne, Thomas
1333—Chibas, Eduardo J.
1058—Childress, W. R.
404, 405—Childs, A. E.
1156—Chiles, R. T.
1185—Chilton, J. E.
402—Ching, Cyrus S.
1304—Chisholm, F. C.
368—Chisholm, J. J.
383—Chisholm. V.
473, 851, 852—Chisholm, W. J.
1166, 1171—Chitty, A. M.
135, 600. 601, 714, 998, 1042—Choate, Jos. K.
560—Christensen, C. H.
124a—Christie, Geo. T.
148—Christie, T. J.
124a—Christie. W. McL.
4—Christian, C. T.
52—Christopher, Chas.
854—Christopher, C. L.
165, 166, 170. 195. 209, 210. 215. 229. 230, 233, 234, 236, 238, 322. 328, 344, 346, 543, 566, 1326—Chubbuck, H. E.
11—Chumley, J. M.
597—Churchill, A. A.
117—Clabaugh, W.
443—Claflin, Adams D.
699, 702a, 1336—Claflin, G. E
1070—Claggett, C. E
517, 518—Claggett, R. B.
1321—Clamon, Mannel
653, 654—Clancy, T. P.
398, 424, 437—Clapp, Chas W.
454—Clapp, E. W.
159, 200 201, 202, 203, 802—Clapp, Harold W.
313—Clapper, W.
52—Clark, Angus
105, 450, 650, 686, 758, 759, 1051—Clark, A E.
390—Clark, A. T.
999—Clark, B. M.
797—Clark; C. H.
111—Clark, Chas. H
205, 241, 486, 802, 1065, 1067, 1068, 1078—Clark, C. M.
1100, 1101, 1106, 1107, 1166, Clark, Chester M.
248—Clark, C. N.
999—Clark, D. H.
48—Clark, E.
73—Clark, E. W.
237—Clark. E. W.
886, 1068—Clark, E. W.
549—Clark. F. A.
640, 642—Clark, F. A.
461—Clark, F. D.
94—Clark, Geo. B.
18—Clark, George H.
937a—Clark, H. E.
413—Clark, Henry
749—Clark, H. J.

205, 877, 886, — Clark, Herbert L.
38—Clark, J. C.
252, 253—Clark, Jas. S.
810—Clark, Jno.
840—Clark, Jno.
491, 1211—Clark, L. C.
274, 276—Clark, L. M.
111—Clark, R. A.
390—Clark, R. B.
1071—Clark, R. M.
982, 1055—Clark, Walton
557, 560—Clark, W. A.
557—Clark, W. A., Jr.
398, 424—Clark, Wm. S.
1287—Clarke, Farley G.
1267b—Clarke, G. H.
653, 654—Clarke, H. A.
46—Clarke, J. L.
1291—Clarkson, Gordon & Dilworth
873—Classen, Anton H.
396—Claude, Herbert
1164—Clauson, C. C.
1114—Clauson, T. G.
63—Claxton, Ernest
1330—Clay, B. H.
1144—Clayton, C. M.
839—Clayton, W. L.
57, 58, 59—Clayton, Wm.
1146, 1158—Claytor, W. G.
226, 242—Cleary, F. E.
806, 809, 811, 812—Clegg, Chas. B.
809, 811, 812—Clegg, Harrie P.
809—Clegg, L. C.
1273—Clement, S. B.
368—Clement, W. E.
500—Cleveland, J. A.
1031—Clever, C. W.
1103, 1104, 1105—Clifford, Geo. H.
387—Clift, J. C.
1311—Clift, José G.
121—Clift, P. E.
263—Clinard, A.
213—Clinch, R. Floyd
233—Cline, C. A.
359—Cloen, Fred
884—Clough, D. I.
976—Clyde, Wm.
306—Coan, C. C.
594—Coate, Armitt H.
473, 847, 850, 851, 852—Coates, Frank R.
197, 240, 241, 245, 265, 484, 488, 493, 494, 500, 779—Cobb, B. C.
376, 378, 380, 383—Cobb, Wm. T.
395, 1031—Coblentz, Emory L.
940, 1038, 1039—Cochran, Garrett
356—Cochran, Horace J.
940, 1038, 1039—Cochran, Jos. W., Jr.
356—Cochran, R. A.
765—Cocke, N. A.
95—Cockings, G. E.
1077—Cockle, C. R.
688—Coe, Geo. S.
799—Coen, F. W.
936—Coen, Jas. B.
765, 766—Coffee, R. M.
138—Coffin, J. Coolidge
1163, 1164, 1172—Coffin, L. R.
9—Coffin, S. M.
806, 812, 813—Coffman, Alvin.
80, 82—Cogan, J. J.
36, 55—Coghlan, Jno. P.
727—Cogswell, L. D.
686—Cokeley, W. A.
1060—Coker, D.
898—Coker, H. L.
296—Colbert, C. G.
435—Colburn, Clifton
449—Colburn, Ralph D.
450—Colby, A. C.
886—Coldwell, O. B.
1187—Cole, A. B.
969—Cole, B. L.
536—Cole, C. F.
586—Cole, Clarence L.
46—Cole, T. A.
215—Cole, W. D.
1263—Coleman, Edw. P.
61—Coleman, J. C.
680—Coleman, L. G.
75—Coleman, S. W.
921—Coleman, Wm.
855, 861—Coleman, Wm. M.
105—Coley, F. C.
78—Coley, J. A.
700—Colgate, Craig
560—Collar, E. H.
925—Collett, C. O.
180—Collette, B.
680—Collins, A. B.
798—Collins, C. C.
1161—Collins, C. R.
982—Collins, D. J.
64—Collins, Denis.
203—Collins, H. B.
686, 741, 745—Collins, J. C.
488, 493, 494—Collins, J. F.
1335—Collins, L. W.
1071—Collins, M. H.
1072—Collins, O. E.
669—Collins, Thos.
998—Collins, Thos. J.
363—Collins, W. B.
1282—Collins, W. B.
647, 648—Collins, W. H.
640, 642, 740—Collins, W. R.
648—Colt, Robt. M.
783, 784—Coltman, J. W.
1038, 1039—Colton, H. M.
525, 1070—Columbia Trust Co.
846—Colvin, Dan
1066—Comer, C. A.
328—Compton, Jas.
384—Conant, F. O.
250—Condon, E. J.
250—Condon, E. J., Jr.
678—Conger, K. B.
135—Conklin, Geo. H.
785, 1013—Conklin, L. H.
627—Conklin, W. J.
686—Conklin, W. S.
197—Conley, F.
713—Conn, C. F.
1007, 1008—Connell, A. J.
621—Connell, James A.
1076—Connell, L. C.
94—Connell, M. C.
402—Connell, Timothy
102—Connelly, Harry
391—Connelly, H. T.
975—Conner, H. P.
634, 635, 691, 709, 710—Connette, Edward G.
415, 422, 451—Connolly, Jas. T.
195, 283—Connor, M.
199—Conrades, E. H.
1069—Conroy, John J.
1139—Constantine, Arthur E.
476—Conway, C.
1316—Conway, G. R. G.
401—Conway, J. T.
441, 442—Cook, C. A.
963—Cook, Chas. W.
974—Cook, Eugene
781—Cook, E. S.
669—Cook, Fred.
1220—Cook, G. H.
223—Cook, G. W.
766—Cook, I. M.
540—Cook, O.
596—Cooke, Chas. D.
1140—Coolidge, M. A.
622—Coons, Chas. A.
1267—Cooper, C. P.
886—Cooper, F.
1274—Cooper, H. A.
1274—Cooper, H. W.
763—Cooper, O. W.
298—Cooper, R. L.
906—Coover, S. M.
140—Copeland, J. B.
107—Copley, C. H.
559—Coppell, Arthur
82—Corbet, D.
94—Corbett, L. A.
880—Corbett, W. A.
721—Corcoran, J. O.
214—Corl, W. F.
724—Corliss, Grosvenor, L.
329, 341—Cornell, J. D.
371—Corning, Howard
291, 292—Cornwell, R. E.
1333—Corona, Baldomero
1137—Corry, W. F.
572—Corson, F. I.
1076—Corson, H. H.
403—Corthell, A. B.
1247a—Coryell, N. N.
756—Cosgrove, Delos M.
399, 399a, 438, 457, 471—Cosgrove, Robt. E.
14—Cosper, J. O.
1124—Cotten, F. C.
341—Cotter, John
406—Cotting, C. E.
584a—Cotton, L. W.
30—Couch, H. C.
975—Coughlin, W. G.
842—Coulton, G. A.
1182—Counts, E. J.
687, 975—County, A. J.
960—Coup, C. E.
266—Cour, F. C.
198—Cournyer, A. W.
15—F. A. Courtnay
1121—Courtney, A. M.
1304—Couture, F. X.
1279—Cowan, D. J.
20—Cowan, J. G.
270—Cowens, C. V.
541—Cowgill, Henry A.
525—Cowles, W. P.
132—Cox, C. D.
153—Cox, C. W.
170—Cox, Chas. E.
556—Cox, Geo.
443, 444—Cox, G. M.
4—Cox, H. E.
612, 613—Cox, H. R.
524—Cox, Wm. F.
764—Coxe, F. E.
229—Coy, Ed.
610—Coyle, John J.
1207—Coyn, F. R.
665—Crabbs, C. L.
622, 754—Crable, A. S.
314—Crabtree, M. E.
743—Craft, D.
391—Craig, Geo. A.
1203—Craig, W. E.
1295—Craig, W. J.
880—Craig, W. B.
276—Crall, J. H.
1203—Cramblet, T. E.
114—Crampton, H. D.
34—Crandall, E. Earl
381—Crandall, H. N.
745—Crane, A. J.
713—Crane, A. S.
1034—Crane, C. F.
398, 421, 437—Crane, H. A.
895—Crane, S. S.
148—Cranford, J. G.
441, 442—Crapo, Henry H.
823—Crawford, A. A.
1079—Crawford, C. M.
769—Crawford, C. W.
1309—Crawford, H.
946—Crawford, H. W.
1258—Crawford, J. C.
1183—Crawford, J. E.
325—Crawford, L. R.
1172—Crawford, M. T.
802—Crawford, Norman Mc D.
503—Crawford, R. J.
836—Crawford, W. E.
1267—Crawford, W. C.
370—Crawford, W. T.
451, 1044, 1171, 1172, 1172a, 1178, 1179, 1251—Crawford, Wm. T.
172, 174, 186—Crawford, W. W.

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1255—Creasser, John
797—Crecelius, L. P.
11—Crenshaw, H. F.
853—Cress, Frank
20—Cressey, C. P.
920—Crick, F. E.
1016—Crilly, Hugh E.
99—Crilly, W. E.
212, 223—Cripe, C. E.
519—Crispin, E. W.
898—Crispin, M. Jackson
557—Criss, A. W.
1150—Crofton, W. T.
222—Crompton, J. R.
298—Crooks, C. H.
124—Croom, Hardy
1140—Crosby, A. J.
510—Crosby, E. A.
425, 571, 1140—Crosby, Edw. C.
235—Crosby, Geo. H.
66—Crosby, J. W.
867—Cross, E. H.
1194—Cross, M. L.
390—Cross, Thos. A.
657—Crossley, A. B.
166, 233—Crossley, W. F.
623—Crouse, D. E.
880—Crow, I. F.
665—Crowe, Harry A.
1334—Crowd, G. J.
494—Crowell, H. H.
116, 119—Crowell, R. W.
217, 688, 597, 813, 840, 895, 979, 1009, 1146, 1158, 1190—Crowley, H. J.
682—Crowley, P. E.
884—Crozier, R. H.
343—Crum, Geo. W.
761—Crumb, L. F.
809—Crume, R. A.
98—Crute, Stephen
1046—Cryder, Ross W.
957—Culbertson, A. A.
145, 294—Culbertson, S. A.
135—Culley, F. B.
371—Cullinan, D. J.
39, 41, 48, 71, 72, 77—Culloden, H. A.
740—Cummin, J. D.
1247a—Cummings, E. A.
600—Cummings, H.
1197—Cummings, J.
873—Cummings, M.
510—Cunningham, A. S.
820—Cunningham, C. R.
884—Cunningham, E. R.
551—Cunningham, N. J.
500—Cunningham, P. J.
90—Cunningham, S. G.
1256—Curle, W. J.
373—Curran, Ben. Y.
368—Curran, D. D.
373—Curran, Geo. A.
982, 1055—Curran, G. W.
537a—Curran, Hugh J.
650—Curran, T. H.
1028—Curran, James
1270—Currie, Charles
854—Currie, J. A.
401 — Currier, Young & Pillsbury
20—Curry, J. E.
494—Curry, L. E.
103—Curtis, A. M.
270—Curtis, John C.
162—Curtis, T. C.
103, 106, 736, 759—Curtis, V. S.
957—Curtze, F. F.
400—Cushing, L. H
237, 246—Cushing, S. B.
1121—Cushman, Geo. H.
1217—Cusick, H. J.
1217—Cusick, J. A.
869—Custer, G. I.
870, 876—Cutlip, W. M.
546—Cutts, F. T.
630—Cutter, Wm. B.

1172—Dabney, Frank
1131—Dagron, L. L.
498—Dahl, Chris.
68, 76—Dahler, A. M.
368—Dahmer, Jno. M.
831—Dailey, Alex.
852—Dailey, S. H.
647—Dailey, W. H.
546—Daily, C. M.
1118—Dale, C. W.
1061—Daley, Patrick
114—Dalgleish, R. H.
254, 275—Dallow, C. H.
1298—Dalrymple, J. E.
152—Dalton, H. E.
1149—Dalton, J. F.
682—Daly, C. F.
1107, 1111—Daly, David
990—Daly, John
906, 907—Daly, Kerfoot W.
1139—Dame, Walter R.
459—Damon, A. W.
402—Dana, Ed.
602, 614—Danforth, R. E.
1270—Daniel, A. M.
497—Daniell, Edw.
298—Daniels, A. J.
537—Daniels, E. N.
439—Daniels, F. M.
15—Daniels, George A.
276—Daniels, T. R. H.
702a, 763, 771, 1131, 1336—Darbee, Wm.
734 Darmsleadt, Jacob
1259—Darnley. F.
159, 200, 201, 202—Darrach, C. S.
1062—Darrow, F. T.
927—Dasen, F. W.
1060—Dashiell, L. P.
710—Datz, L. C.
1281—Daugharty, J. F.
456—Davenport, Freeman L.
166—Davidge, J. M.
884—Davidson, A. J.
268—Davidson, Chas. D.
500—Davidson, Jas. E.
1078—Davidson, J. M.
58—Davidson, John
702b—Davidson, Rolland
884, 1175—Davidson, W. G.
800—Davidson, W. H.
797—Davies, Henry J.
1066—Davies, John L.
977—Davies, J. R.
678—Davies, J. V.
622, 638, 646, 735, 754—Davies. W. H.
1194—Davis, A. D.
663—Davis, Curtis
1057—Davis, C. P.
94—Davis, Chas. H.
1380—Davis, David T.
657a—Davis, D. L.
862—Davis, E.
594—Davis, Edwin C.
940, 1088, 1089—Davis, Ernest H.
1084—Davis, E. J.
804—Davis, E. S.
805—Davis, F. A.
931—Davis, F. M.
1010—Davis, G. T.
422—Davis, Geo. S.
256—Davis, H. A.
1078—Davis, H. A.
388—Davis, J. H.
388—Davis, J. M.
512—Davis, J. R. W.
118—Davis, J. V.
646—Davis, N. E.
48—Davis, O. P.
936—Davis, R. C.
132—Davis, Robt. G.
1143—Davis, T. B.
917—Davis, W. H.
390—Davis, W. P.
904, 951—Davison, C. M.
646—Davison, Geo. W.
904—Davison, W. G.
71, 72—Davison, W. H.
31—Dawes, Henry M.
31—Dawes, R. C.
1055—Dawson, L. Y.
477—Dawson, W. J.
952—Day, Chas.
103—Day, H. G.
621—Day, Irvin W.
546—Day, L. A.
29, 1007, 1008, 1011—Day, Rich. W.
952, 969, 981a—Day & Zimmermann
91—Deal, E. C.
692—de Berg, W. G.
712—De Camp, A. L.
1212—De Camp, Samuel
1322—de Cima, Arthur
1232—deCima, Robert
350—De Forest, C. W.
368—DeGrange, Jos. H.
1178, 1179—de Haseth, G. A.
1313—de Heras, Pedro
1199—De Jarnette, H. E.
1319—de la Garza, Juan F.
484—De Lamarter, L. J.
1321—de la Maza, Pedro
822—DeLancy, Edw.
1329—de la Torre, Julio
975—De Long, R. J.
895—De Mart, F. W.
105—De More, G. A.
639—De Rosset, J. L.
853—De Voe, H. C.
1249—De Young, J. W.
1289—Deadey, J. F.
925—Dean, H. Alexander
122—Dean, J. Judson
553—Dean, M. S.
1259—Deans, J.
531—Dearing, F. H.
1214—Dearth, E C.
510—Decker, E. W.
855—Dedrick, A. E.
960—Deeter, H. R.
309—Dege, C. F.
494—Degener, O. H.
481—Delmling, J. F.
852—Deiter, J. S.
419—Delabarre, Arthur P.
869—Delahoussaye, O.
685—Delaney, T. A.
362—Delaroderie, R. A.
1040—Dellone, Louis
798—Demaline, W. B.
987—Demat, A.
31—Demmon, C. W.
105—DeMore, G. A.
665, 670—Dempsey, J. J.
48—Dempster, W. H.
370—Denham, E. W.
939—Deniston, G. J.
970—Denlinger, W. H.
225, 301, 309, 310, 311, 487—Denman, B. J.
793—Denman, E. P.
1173—Dennis, Jas. H.
626—Dennis, M. L.
1193—Dent, Harry
34—Denton, E. E.
851—Derge, F. J.
1193—Derr, Amnon I.
1315—Desableaux, Louis
219—Desens, Frank L.
1057—Dovane, W. C.
400—Devaney, Jno.
41—Devereux, E. A.
388—Devereux, E. M.
941—Devine, C. J.
1197—Devine, C. R.
842—Devine, D.
974—Devine, Thos.
980—Devine, W. J.
823—Dewees, J. D.
153—Dewey, E. H.
399, 399a, 438, 457, 459, 464. 465, 471, 472—Dewey, Francis H.
768—Dewey, Geo. S.
1172a—Dexter, Forrest
333—Dick, J. Lee
1299—Dick, J. N.
1131—Dicke, H. F.
368—Dickerson, W.
402—Dickey, L. J.
295—Dickey, Sol. C.
402—Dickie, James

1115—Dickie, J. M.
641—Dickinson, H. A.
1150—Dickson, A. E.
634—Dickson, E. J.
336—Dickson, F. P.
884, 1175—Dickson, John
204—Dickson, Joseph, Jr.
128—Didlake, W. M.
1234—Diefenderfer, Alfred
960—Diehl, D. L.
891—Diener, I. A.
291, 292—Dieterich, A. E.
291, 292—Dieterich, Chas. F.
390—Dietz, A. J.
1065, 1067—Dike, E. R.
896—Dilliard, B. F.
1279—Dillon, Jas.
28—Dillon, S. E.
370—Dillon, W. F.
58—Dilworth, Read G.
863—Dimick, Grant B.
73—Dineen, P.
381—Dingwall, M. S. W.
1242—Dinsmore, Wm. H.
999—Dinsmore, Harry
1306—Dion, A. A.
1306—Dion, A. H.
864—Ditto, Chas. C.
1100, 1101—Dixon, Alves
975—Dixon, Geo. D.
1263—Dixon, James.
402—Dixon, Ralph H.
912a—Doan, Chester C.
488, 493, 494, 495, 500—Dobbin, G. B.
345—Dobbin, H. M.
678—Dobbins, J. G.
56—Dodderidge, J. A.
681—Dodge, M. W.
956—Dods, Wm.
4—Doerr, C. T.
394, 520, 523, 696, 697, 864—Doherty, Henry L.
640—Doherty, K. V.
40—Dohner, M. J.
480—Dohrman, Paul W.
496—Doidge, C. E.
806—Dolan, Jno.
747—Dolan, M.
441—Dole, Geo. P.
1062—Dole, J. G.
402—Donahoe, J. J.
1180—Donahue, B. F.
307—Donahue, E. S. H.
307—Donahue, Jas. P.
401—Donahue, T. A.
1238—Donald, D.
687—Donaldson, J. S.
1172—Donaldson, W. B.
602, 614—Donecker, H. C.
401—Donham, Wallace B.
52—Donnelly, C. F.
823—Donnelly, L. F.
965a, 991—Donnelly, T. B.
314—Donovan, J. C.
398, 424, 437—Donovan, J. E.
761—Donovan, P. J.
104—Dooley, James
773—Dooley, J. T.
84—Doolittle, R. H.
624—Dorland, Gilbert G.
222—Dorley, A. F.
402—Doty, Clark
83, 86—Doty, Wm. A.
633—Dowd, Wm.
929—Dougherty, F. W.
1007, 1008—Dougherty, T. C.
26—Douglas, E. P.
17—Douglas, J. S.
854—Douglas, W. H.
631, 632—Douglass, R. H.
1289—Douse, W.
962—Douthirt, W. F.
189—Dover, Elmer
291, 292—Dow, E. R.
1212—Dow, Joel B.
384—Dow, Sterling T.
633—Dowd, Wm.
1097—Dowd, W.
32—Dowell, S. C.
791, 794, 821—Downing, D. J.
55—Downing, P. M.
1122—Downs, P. L.
180—Downs, R. S.
302—Dows, S. C.
302—Dows, Wm. G.
188a, 193—Doyle, Edward J.
174—Doyle, E. P.
745—Doyle, F. J.
653—Doyle, J. H.
391—Doyle, J. J.
679, 685—Doyle, J. S.
554—Doyle, Michael
896, 921, 922—Doyle, Wm. L.
435—Dozier, J. E.
302—Drabelle, John M.
565—Drake, Luther
1089—Draper, H. E.
791, 794, 831—Draper, Walter A.
401—Dreier, Thos.
363—Dressel, H. J.
1231—Dressen, Wm.
223—Drew, J. G.
444—Drew, Pitt F.
576—Drew, W. J.
1145—Drexler, N. E.
401—Driscoll, Wm. A.
231—Driskell, W. V.
105—Droege, J. A.
602, 614—Drown, H. V.
56—Drown, L. M.
55—Drum, Frank G.
376, 378, 380—Drummond, Josiah H.
1166, 1172a—Drummond, Wadleigh B.
787—Drummy, J.
1297—Drury, V. M.
1299, 1300—Dubee, Patrick
109—Du Bois, Fred M.
172, 173, 178, 186—Duck, John J.
765—Duke, J. B.
743—Duff, Benjamin R.
893—Duff, Howard
641—Duffey, Edwin
1042—Duffy, C. Nesbitt
524—Duffy, Frank J.
1009—Duffy, Jno.
855—Duffy, J. A.
663—Duffy, Jos. A.
728, 750, 755—Duffy, J. E.
1191—Duffy, J. J.
1149—Dugan, C. P.
765—Duke, J. B.
1064—Dulaney, B. L.
1064—Dulaney, Fred.
249—Dunbar, S. R.
694—Dunbar, W. K.
972, 977—Dunbar, W. C.
1287—Duncan, A. R.
394—Duncan, B. Waller
276—Duncan, C. W.
338—Duncan, Geo. F.
296—Duncan, John
151—Duncan, R. M.
342—Duncan, J.
1062—Dungan, W. G.
1023—Dunham, Geo. H.
941—Dunham, L. L.
325—Dunham, R. J.
103, 736, 759—Dunham, W R., Jr.
19, 27, 28, 91, 550, 551, 620, 700, 1161—Dunhill, J.
297—Dunkin, Bert
890—Dunklee, G. E.
855—Dunlap, E. G.
1091—Dunlap, F. B.
634—Dunlap, G. W.
596—Dunlop, Geo. M.
712, 713—Dunn, Gano
462—Dunn, J. P. Jr.
777—Dunn, P. S.
46—Dunn, W. E.
338—Dunsworth, Morris
627—Duntz, Wm.
1151—Duntz, W. G.
941—du Pont, E. M.
1043—Duran, Francisco
1043—Duran, José
622—Durant, Fred.
142—Dure, L. S.
372—Durell, C. M.
250—Durfee, I. W.
991, 965a, 1202, 1205, 1206, 1208—Durie, Dan'l
1062—Durkee, W. P.
156—Durrin, L. L.
797—Duty, A. E.
390—Duvall, J. B.
562—Duvall, W. C.
900—Duy, A. W.
623—Dwinelle, W. A.
853—Dwyer, Dennis
1149—Dwyer, John
508—Dwyer, W.
510—Dwyer, W. D.
1009—Dyer, S.
128—Dyson, B. E.

721, 723—Eadie, B. G.
291, 292—Eager, B. C.
81—Earhart, J. H.
50—Earl, Guy C.
269—Earle, Wm.
175—Earling, H. B.
390—Early, Wm.
235—Easley, F. J.
1109—Easter, R. L.
1267—Eastman, A.
33—Easton, C. L.
1242—Easton, F. S.
649, 717, 719—Eaton, A. J.
374a, 386—Eaton, H. D.
413—Eaton, J. E.
630—Eaton, Percy
108—Eaton, R. W.
672, 673, 683—Eaton, Wm. A.
134—Eaves, J. E.
953a—Ebel, H. W.
1064—Eberhart, Wm. E., Jr.
153—Eberle, J. L.
882—Eby, O. D.
946—Eby, R. N.
858—Eby, Wm.
1127—Eccles, L. R.
1127—Eccles, Royal
562—Eckland, E. T.
218—Eckmann, F. C.
779—Eckroad, E. D.
724—Edbauer, Jno.
1073—Edgar, B. C.
696—Edgar, E. MacKay
317, 318, 359, 489—Edgar, Harry T.
751—Edgcomb, E. J.
576—Edgerly, C. B.
71, 72—Edmonds, C. F.
150—Edmonds, W. F.
238—Edmonston, F. R.
685—Edmunds, F. D.
84—Edmunds, W. H.
475, 477, 478, 479, 480—Edwards, Allan F.
74—Edwards, C. A.
644—Edwards, Chas. H.
644—Edwards, Elvin N.
1221—Edwards, Miss Grace
67—Edwards, T. O.
736—Edwards, T. O.
388—Egan, C. W.
626—Egan, S. A.
1112—Eggert, Max
1082—Eggling, Julius
842—Egolf, J. F.
779—Ehler, H. J.
990—Ehle, F. B.
990a—Eichert, J.
922—Eichman, Chas.
29—Eick, R.
809—Eidemiller, Wm.
740—Eisenhauer, G.
622, 638, 646, 735, 754—Elder, W. H.
1089—Eldridge, E. H.
771, 1336—Electric Bond & Share Co.
788—Elfner, A. H.
541—Elftman, John D.
1328—Elgarresta, Ed.
879—Elgee, E. W.
65—Ellicott, H. W.
1127—Ellingson, J. W.
1331—Elliott, B. F.

4—Elliott, B. H.
81—Elliott, C. E.
108—Elliott, C. E.
105, 450, 650, 736, 759, 1133, Elliott, Howard
791, 794—Elliott, Thos.
1210—Ellis, A. K.
401—Ellis, J. O.
305—Ellis, M. W.
13—Ellis, R. L.
240, 1212—Ellis, T. M.
1113—Ellsworth, H. E.
666—Ellsworth, E. M.
869—Elmer, J. O.
1240, 1241—Elson, W. H.
192, 314, 526—Elston, I. C., Jr.
1156—Elwell, E. R.
502—Elwin, E. H.
1156—Ely, E. S.
112, 113, 217, 588, 597, 895, 979, 981, 982a, 1009, 1146, 1158—Ely, Van Horn
338, 1109, 1234—Emanuel, Albert
315—Emdia, Harold D.
30—Emerson, Frank
797—Emerson, Ralph W.
865, 1182—Emerson, W. R.
1015—Emert, John G.
377—Emery, F. W.
796—Emery, H. A.
118—Emmert, W. B.
401—Emmons, A. P.
404—Emmons, C. D.
990—Emory, G. W.
640, 642—Empey, J. R.
775—Empting, W. J.
1261—Emslie, D.
988—Endres, H. J.
1046—Enfors, G. L.
506—Enger, L. L.
890—England, R. H.
806—Engle, Frank
1278—Englehart, J. L.
566—English, Arthur
231—Enlow, C. E.
609—Enright, John M.
851—Enright, Jos. M.
912a—Entrekin, C. E.
537—Enykert, H. F.
962—Eoute, Wm.
762—Epps, G. W.
15—Erickson, C. J.
788—Erion, C. H.
212, 223—Erlach, P. A.
163—Erlenborn, A. J.
305—Ernsberger, E. R.
1062—Ernst, C. J.
771—Ernst, E. P.
59—Ervast, A.
196—Erwin, C.
897—Erwin, Geo.
74—Erwin, W. E.
137—Erwin, W. S.
82—Esch, John F.
204—Essen, Frederick
1006—Esslinger, Geo. W.
200, 201, 202, 203, 205, 886, 1065, 1067, 1068, 1078—Estabrook, G. L.
1058—Estes, S. J.
625—Estes, W. H.
377, 379—Estill, G. C.
988—Etheridge, Harry
612, 613—Ettinger, Geo.
83, 86—Evans, Alfred M.
163, 164—Evans, A. R.
586—Evans, Chas.
1190—Evans, D. L.
1199—Evans, E. T.
178—Evans, F. C.
164—Evans, Henry, Herbert
224—Evans, H. O.
631, 632, 691 709, 710—Evans, M. D.
928—Evans, Powell
1115—Evans, R. L.
873—Evans, R. R.
1199—Evans, S. J.
928—Evans, Thos.
682—Evans, T. W.
1268—Evans, W.
283—Evans, W. H.
1138—Eveleth, J. M.
890—Evenson, Edw.
1302—Everell, J. A.
927—Everett, A. L.
386—Everett, John S.
305—Everhart, E. A.
142—Everitt, John D.
41—Everts & Ewing
819—Ewan, R. H.
269—Ewing, Adlai T.
206, 516, 1218—Ewing, C. A.
332—Ewing, H.
1232—Ewing, M. C.
1257, 1296—Ewing, S. H.
498—Eyke, Walter
975—Eysmans, J. L.
290—Eyster, N. G.

162—Faber, Edwin C.
457—Fabian, V. F.
1190—Fagan, James.
1315—Fagoaga, Fernando Pimentel y
266—Fahlsing, F. R.
645, 652, 687, 716, 718, 720, 725, 746, 975—Fahnestock, Jas F.
323—Fahrney, Chas. E.
1280—Fairbairn, R. L.
977—Fairchild, Jr., C. B.
825—Fairchild, J. R.
63—Fairfax Development Co.
283—Faithorn, H. G.
741—Falconer, D. P.
721—Falkner, J. C.
176, 184, 185, 187, 213—Fallon, B. J.
127—Fant, O. H. P.
517—Fant, R. T.
494—Farley, F. M.
396—Farnham, J. A. P.
104—Farnham, L. A.
33—Farnham, L. M.
1052, 1053a — Farnsworth, Jno. P.
396—Farquhar, Allan
1258—Farquharson, A. L.
1091—Farr, J. E.
699—Farrar, Fred'k A.
229—Farrell, A. M.
136—Farrell, John
582—Farrell, L. J.
851—Farrell, P. H.
328—Farell, W. D.
375—Farrington, Emma C.
331—Farris, H. C.
1166—Farris, R. D.
327—Farwell, F. E.
622, 754—Fasoldt, C. E.
824, 889—Fast, C. C.
365—Faulk, D. W.
815—Faulk, Geo. H.
1169—Faulkner, L. B.
234—Fauser, F. D.
163—Fauth, G. A.
32—Favor, James
102—Favreau, A. H.
397—Fawcett, C. C.
537a—Fay, A. R.
1263—Fearman, Geo. D.
802—Feather, R. J.
446—Feeney, Thomas
606, 892, 893, 920—Fehr, Harrison R.
893, 920—Fehr, W. R.
325—Feist, C. M.
187—Feldhake, J. M.
602, 603, 614—Feller, Wm. H.
821—Felss, Theobold
1055—Felton, J. G.
143—Felton, W. H.
1122—Felts, G. M.
136—Fendig, Albert
536—Fennell, D. L.
341—Fennimore, Jno.
469—Fenno, John A.
1333—Fenton, H. G.
480—Ferguson, A. J.
1290, 1293—Ferguson, H. F.
1281—Ferguson, M.
206—Ferguson, M. S.
295—Ferguson, O. R.
1278—Ferguson, W. G.
52—Fernald, B. W.
807—Ferneding, C. J.
807—Ferneding, H. L.
807—Ferneding, T. A.
819—Fernsel, C. C.
176, 184, 185, 187, 213—Feron, M. J.
868—Ferrandou, H. A.
1117, 1118—Ferris, A. R.
596—Fertig, Willis E.
1229—Fessenden, L. P.
893—Fetherolf, W. F.
549—Feuers, H. C.
266—Feustel, Robert, M.
1181—Fichtner, P.
898—Field, Henry P.
258—Fieldhouse, John W.
886—Fields, G. C.
375—Fife, F. R.
1143—Fife, R. H.
835a, 836—Fifer, C. J.
836—Fifer, Jesse F.
827—Fike, C. J.
270—Fikel, Frank
181—Fillmore, W. J.
156—Filson, Al.
312, 313—Finch, D. M.
564—Findley, R. H.
1082—Fink, Walter
679, 685—Finlay Jr., W. S.
471—Finlayson, F. M.
547—Finn, Wm.
1151—Finn, Wm. A.
490—Finucan, Daniel
791, 794—Fischer, A. L.
927—Fish, Henry E.
965a, 991, 996, 1205, 1206, 1208—Fish, Williston
1170—Fisher, A. W.
1107—Fisher, C. B.
229, 233—Fisher, F. E.
1090—Fisher, H. B.
679, 685, 702, 719 — Fisher, H. M.
975—Fisher, J. B.
99—Fisher, John
1170—Fisher, M. M.
905—Fisher, W. H.
678—Fisk, Wilbur C.
1176—Fisken, J. B.
537a—Fitch, N. M.
377—Fitz, Grace E.
653, 654—Fitz, H. W.
658—Fitzgerald, Edward
350—Fitzgerald, E. W.
75—Fitzgerald, G. L.
175—Fitzgerald, J. B.
105—Fitzmaurice, R. D.
1250—Flaherty, Chas. A.
1250—Flaherty, Leonard T.
990—Flanagan, M. W.
457—Flanders, Herbert M.
132—Flanigen, C. D.
809—Flatley, M. F.
750a—Fleck, C.
983—Flegal, Roy
62, 568—Fleishhacker, H.
62, 568—Fleishhacker, M.
173, 178—Fleming, H. B.
114—Fleming, J.
244—Fleming, J. J.
1287—Fleming, R. J.
180—Fletcher, F. E.
250—Fletcher Trust & Svgs. Co.
193—Flexner, Bernard
252—Flinn, Thomas
854—Flint, A. C.
1282—Flintoft, Jas.
1044—Flourny, John M.
390—Flowers, H. B.
580—Floyd, Chas. M.
1097—Floyd, H. G.
133, 134—Flynn, H.
1138—Flynn, John J.
481—Flynn, W. H.
752—Fobes, A. C.

708, 715, 1220, 1227—Fogarty, Jas. F.
535—Fohr, Louis J
130—Folsom, T. C.
827—Foltz, S. A.
1197—Folwell, C. W.
1122—Foore, W. C.
55—Foote, D. H.
839—Foote, F. J.
1251—Forbush, R. L.
377, 379—Ford, A. H.
582—Ford, Clement R.
535—Ford, Chas. W.
900—Ford, Douglass
73—Ford, D. W.
1336—Ford, Edmund Geo.
1074—Ford, E. W.
301—Ford, F. M.
1006, 1012—Ford, Frank R.
1188—Ford, G. W.
795, 796—Ford, Horatio
348—Ford, Jos. W.
827—Ford, S. N.
600—Ford, W.
145—Ford, W. A.
261—Ford, Wm. M.
1074—Ford, W. N.
285, 286—Foreman, W. L.
1302, 1303—Forget, Sir Rodolphe
233—Forman, E. S.
1134—Forrest, C. A.
1287—Forrest, Jas. H.
870—Forsdick, Chas. E.
249, 289—Forse, W. H., Jr.
238—Forsthove, J. G.
283—Forsyth, J. A.
55a—Forward, John F. Jr.
128—Forward, W. H.
147—Foss, H. C.
88—Foster, A. C.
1261—Foster, A. H.
1114—Foster, C. A. (Mrs.)
523—Foster, C. L.
883—Foster, Edwin
582—Foster, E. C.
48—Foster, G. C.
1291—Foster, H. F.
963, 990, 995—Foster, J. L.
585—Foster, S. A.
175—Foster, W. B.
105—Foster, W. H.
739—Foster, W. W.
297—Fowle, Albert L.
140—Fowler, E. W.
233—Fowler, E. W.
132—Fowler, J. J.
248—Fowler, U. G.
80—Fowles, Roy B.
776—Fox, A. B.
1055—Fox, E. A.
153—Fox, N. R.
776—Fox, V. E.
190—Fox, Wm. A.
849—Fraelich Emery Eng'rg Co.
974—Fraley, C. Bradford
890—France, J. C.
1007, 1008—Francis, F. M.
629—Francis, H. M.
330—Francis, L. L.
547—Francis, T. E.
1075—Francis, W. J.
209—Frank, M. H.
1131—Franklin, E. E.
975—Franklin, Jr., W. S.
975—Franklin, Robt. L.
863—Franklin, Wirt
291, 292—Frantz, Clay
501—Franz, W. C.
1243—Fraser, A. S.
34—Fraser, D. G.
1276, 1277—Fraser, Jas D.
1269—Fraser, M. D.
1242—Fraser, W. M.
1024—Frasher, L. H.
269—Frazee, Orville F.
271—Frazee, W. M.
969—Frazier, B. W., Jr.
1107—Frazier, Rex D.
769—Frazier, W. L.
1041—Freed, L. J.
115a, 121—Freeland, J. C.
884—Freeman, D. C.
861—Freeman, E. W.
402—Freeman, F. S.
860—Freeman, L. N.
1238—Freeman, M.
1249—Freeman, P. A.
150—Freeman, R. C.
1173—Freeman, W. D.
350, 1186—Freeman, W. W.
344—French, S. T.
904—Fretz, D. B.
214—Frey, J. J.
14—Frick, Julius J.
1077—Frierson, Meade
388—Fries, A.
683—Fripp, W. J.
965a, 991, 1202, 1205, 1206, 1208—Fritsch, J. L.
536—Fritts, C. E.
916—Fritz, O. S.
976—From, A. W.
1145—Frost, D. C.
52—Frost, F. W.
787—Frost, H. E.
132, 523, 541, 549, 696, 697, 767, 851, 864—Frueauff, Frank W.
1115—Fry, E. S.
900—Fry, Norman
765—Frye, A. D.
444—Fryhstrand, F. E.
1327—Fuentes, F. V.
1330—Fuentes, J. E.
142—Fulcher, W. E.
131—Fulford, J. C.
873—Fulgraf, W. A.
442—Fuller, Arthur B.
886—Fuller, F. I.
629—Fuller, F. L.
129—Fuller, H. Walter
1011—Fuller, Mortimer B.
851—Fuller, Rathbun
40—Fuller, W. F.
1056—Fuller, W. W.
129—Fuller, Walter P.
987—Fullerton. A. S.
475, 476, 477, 478, 479, 480, 1290, 1293—Fullerton, Irwin
1316—Fulton, M. G.
665—Funk, H. E.
354—Funk, J. T.
261—Funke, John M.
357—Funkhouser, A. W.
109—Furey, James

1027—Gable, Harry
1299—Gaboury, A.
1278—Gaby, F. A.
1024—Gaddis, Albert
1055—Gadsden, P. H.
105—Gagel, Edw.
298—Gagnon, L. E.
1097—Gahagan, H. I.
836—Galbraith, W. M.
1295—Gale, A. V.
1295—Gale, G. Gordon
511—Gale, R. L.
1326—Gall. I. R.
345—Gallagher, F. A.
632—Gallagher. P. J.
1197—Gallaher, S. M.
622—Galligan, L.
855—Galliver, Geo. A.
499—Galloway. D. E.
553—Gallwey. H. A.
863—Galt, Edw.
1181—Galvani, W. H.
181—Gamble, W. F.
401—Gammon. Thos.
1082—Gannett, Guy P.
547—Gannon, Frank A.
752—Gannon, Wm. P.
994—Gano, J. H.
765—Ganti, S. T.
1333—Garay, Eduardo
1314—Garcia, Aaron
1328—Garcia, Luis E.
1308—Gardiner, A.
1052—Gardiner, A. V.
176, 184, 213—Gardner, A. L.
1062—Gardner, J. E.
1052—Gardner, Rathbone
460—Gardner, Willard C.
971—Garis, John
24—Garlick, M. C.
402—Garrett, F. W.
1245—Garrett, George
397—Garrett & Sons, Robt
293—Garrigus, W. H.
1185—Garris, E.
641—Garrison, G. H.
55a—Garside, F. E.
349—Garvey, C. P.
1023—Garvin, Fred'k W.
1027—Garwood, A. E.
1311—Garza, Leonardo Gonzalez
402—Gaston, Snow & Saltonstall
276—Gately, Chas.
648—Gates, C. L.
995—Gates, Jno., Jr.
178—Gatrell, Frank J.
609—Gaul, Jno. P.
860—Gaver, H. H.
485, 521, 1214, 1229—Gavett Blaine
849—Gavin, B. D.
500—Gaw, L. R.
1184—Gay, F. W.
664, 675, 679, 685, 702, 719, Gaynor, E. F. J.
1248—Geary, J.
65—Geary, J. J.
735—Geary, P. F.
811, 812—Gebhart, Henry
1315—Geelen, T.
108—Geer, Geo. W.
931—Gehr, John
232—Gehring, C. F.
345—Geiger, Chas. W.
113—Geiger, H. H.
956—Geiser, J. F.
513—Genung, H. A.
278—George, Carl A.
23—George, Robt. A.
1203—George, Sam'l
657—Geran, John
158—Gerard, H. J. A.
679—Gerehart, Thomas
666—Gerhardt, P. L.
931—Gerhart, P. F.
265—Geringer, J. J.
649, 717, 719—Gerke, J. W.
1044—Gerrish, L. M.
886—Getchell, W. B.
1089—Gibbon, E. F.
975—Gibbs, A. W.
645, 652, 718, 720, 725, 746—Gibbs, George
1243—Gibson, H.
361a—Gibson, H. H.
787—Gibson, H. J.
536—Gibson, Jas. E.
1063—Gibson, John K.
747—Gibson, Murray
1004—Gibson, Thos.
1106—Gibson, W. B.
411, 576, 1137—Gidney, H.A.
1043—Gil, Matias
528, 696—Gilbert, Carle B.
564—Gilbert, D. W.
1002, 1008, 1004—Gilbert, E. M.
388a—Gilbert, Frank
388a—Gilbert, Harry E.
1288—Gilbert, Robert
318—Gilbert. W. A.
510—Gilcrest, O. J.
82—Gill, A. S.
1276—Gill, D. N.
1171, 1172—Gille, H. J.
499—Gillen, V. E.
840—Gillen, W. A.
1160—Gillespie, W. T.
162—Gillette, E. S.
291, 292—Gillette, V. A.
105—Gilliam. H.
353—Gilliland. J. S.
884, 1175—Gilman, L. C.
1336—Gilmore, Maurice E.
461—Gilmore, Jos.

824, 889—Gilpin, H. G.
841—Gineven, H. W.
391, 798—Ginn, Frank H.
918—Ginter, H. E.
776—Girton, Victor E.
883—Given, H. P.
1307—Gladwell, Wilson & Co.
776—Glasgow, C. W.
922—Glass, O. L.
1193—Glassock, W. E.
974—Glazier, Fred M.
402—Gleason, C. B.
1084, 1102, 1103, 1104, 1105, 1108, 1111—Gleason, Hollis T.
1329—Gleason, Lafayette
488, 493, 494, 495, 500—Glendening, J. W.
133, 134—Glenn, W. H.
1028a—Gliddon, T.
924—Gloninger, Dr. E. B.
800—Glosser, F.
1242—Glover, F. R.
233—Glover, J. A.
9—Glover, M. W.
328, 344, 346—Glover, W. C.
421—Glynn, C. N.
975—Glynn, W. C.
1122—Goath, E. C.
867—Gobble, H. N.
366—Godschaux, Chas.
362—Godchaux, Edw.
366—Godchaux, Jules
7—Goddard, A. A.
1333—Godoy, Armando
1333—Godoy, Emilio S.
1218—Goedjen, Albert J.
825—Goeke & Anderson
905—Goetz—E. F.
283, 799—Goff, F. H.
401—Goff, R. S.
682—Golden, E. L.
1311—Gonzalez, Enrique
1317—Gonzalez, L.
1174—Goodhue, Frank W.
175, 556—Goodnow, C. A.
101—Goodrick, A. E.
510—Goodsell, C. B.
406—Goodspeed, J. H.
93, 109—Goodwin, Jos. S.
590, 591—Goodwin, J. W.
425—Goodwin, R. E.
1173—Goodwin, S. E.
1172 Gordinier, W. O.
276—Gordon, A.
1256—Gordon, D. A.
376, 378—Gordon, Fred D.
24, 323—Gordon, F. C.
521—Gordon, L. O.
651—Gordon, M. J.
1222—Gordon, Stanton
1335—Gordon-Gordon, Wm.
519—Gorenflo, W. F.
471—Gorman, J. B.
932, 933—Gorman, Jas. P.
1074—Gorman, T. M.
314—Gorr, H. G.
32, 1113—Gorse, E. H.
388—Gorsuch, G. W.
401—Gosling, E. P.
952—Gossard, C. E.
143, 379, 559, 1060, 1186, 1189—Gossler, Philip G.
165—Gottschalk, E. J.
643—Gough, H. T.
1281—Gough, H. F.
93, 107—Gould, A. B.
381—Gould, A. R.
162, 825—Gould, E. F.
113—Gould, J. W.
381—Gould, L. E.
744—Gould, P. A
36—Gould, Russell
199—Gould, Wm. F.
660—Gould, Willard M.
665, 670—Gove, W. G.
1243—Goward, A. T.
728, 750, 755—Gowen, C. R.
687, 975—Gowen, Francis I.
1285, 1287, 1289—Grace, J. C.
36—Grace, J. W.
767—Grady, A. W.
90, 189, 323—Graf, R. J.
1041—Graff, L. E.
390—Grafton, H. M.
351—Graham, A. S.
890—Graham, Chas. E.
966—Graham, C. Merwin
371—Graham, Edw. M.
529—Graham, H. W.
240—Graham, J. N.
296—Graham, Jos. B.
930—Graham, M. W.
296—Graham, Ray A.
855—Graham, R. N.
296—Graham, Robert
1273—Graham, W. A.
151—Graham, W. M.
296—Graham, Z. F.
836—Grandstaff, Ed.
41—Granger, A. P.
1019—Grant, C. H.
974—Grant, Patrick
249—Graston, M. E.
222—Gratiot, F. W.
668—Grau, C. E.
1235—Graves, A. G.
1299—Graves, W. F.
1111—Gray, Bert
215, 233—Gray E. H.
63—Gray, Geo. D.
537a—Gray, G. H.
401—Gray, Geo. H.
283—Gray, Jas. K.
208—Gray, L. D.
63—Gray, Prentiss N.
63—Gray & Holt Co.
834—Greathouse, Jas.
640, 642—Greatsinger, J. L.
290—Greeley, John E.
988—Gregg, F. H.
494—Green, A. E.
499—Green, A. M.
6—Green, Alston
1072—Green, C. D.
1264—Green, C. K.
460—Green, Chas. W.
24, 25—Green, D. C.
662—Green, F.
841—Green, Fred J.
666—Green, H. W.
1086—Green J. W.
893—Green, R. C.
1052, 1053a—Green, Theodore Francis
562—Greenburg, C. F.
1041—Greene, E. L.
62—Greene, Geo. de B.
450, 650—Greene, Geo. E.
516, 1218, 1225—Greene Howard
863—Greene, J. A.
1052—Greene, Theodore F.
257, 266—Greenland, J. A.
257, 266—Greenland, Sam W.
1019—Greenough, Wm. H.
20—Greenway, J. C.
1183—Greenwood, B. E.
515—Greenwood, Henry K.
84—Greer, B. B.
206—Greer, R.
819—Greer, H. C.
7—Greet, A.
198—Greeve, John
988—Gregg, F. H.
383—Gregory, Chas. E.
883—Gregory, Fred
706, 983—Gregory, F. W.
825—Gregory, H. B.
158, 159, 200, 201, 202, 203, 205—Gregory, T. W.
1176—Greisser, V. H.
706—Grenier, A. S.
817—Gress, C. P.
120, 121—Grey, Norman
979, 1089—Gribbel, John
946, 947—Griest, W. W.
953—Griffin, P. P.
1097—Griffin, Jas. P.
1273—Griffin, W. A.
176, 184, 185, 187, 188, 190, 213—Griffin, W. V.
29—Griffith, C. J.
1263—Griffith, F. B.
886—Griffith, Franklin T.
1263—Griffith, J. B.
1021—Griffith, J. M.
1021—Griffith, McKinstry
777a—Griffith, R. B.
822—Griggs, J.
806—Grimes, E. D.
175—Grimes, H. M.
1310—Grimm, Fredrico
975—Grimshaw, F. G.
631, 635—Griscom, Rodman E.
1131—Groesbeck, C. E.
687, 946, 947—Groff, John M.
687, 975—Groff, R. H.
48—Grotholdt, M. P.
590, 591, 617, 909, 912, 958, 1035—Grookett, Thos. W., Jr.
1271—Groom, James C.
124a—Groover, Willet
751—Gros, H. D.
570—Gross, E. W.
1184—Grosscup, Fred Paul
341—Ground, J. W.
937—Grove, H. P.
760—Grove, L. L.
291, 293—Grover, T. F.
512—Gruber, J. M.
703, 715, 1220, 1227—Gruhl, Edwin
930—Grumbine, E. M.
944—Guckes, Philip E.
1185—Guelich, A. S.
762—Guerard, A. S.
327—Guernsey, R. T.
995—Guffey, Jos. F.
1238—Guilbault, R.
878—Guillan, R. J.
178—Guilliams, J. R.
140—Guinn, R. C.
69, 596a—Guinness, B. S.
661—Guion, A. P.
190, 198, 208, 237—Gulick, John H.
616—Gulliver, A. E.
789—Gumpf, E. M.
162—Gunderson, J. W.
179—Gundlach, L. J.
840—Gunn, E. B.
1287—Gunn, Jas.
540—Gunn, W. C.
540—Gunn, W. R.
178—Gurley, W. W.
249—Gustin, M. F.
622, 638, 646, 735, 745, 754—Gutelius, F. P.
254, 275, 285, 286—Guthrie, Ira E.
1058—Guy, Luther
402—Guyon, Alfred J.
200, 201—Guyton, W. H.
180—Gwynn, F. J.

706, 988—Haag, F. E.
1192—Haag, W. G.
116, 119—Haar, G. E.
265—Haas, F. J.
105—Hass, H. P.
257—Haberly, Jas. H.
920—Hackett, S. H.
371—Hadden, Robert A.
1237—Haddow, A. W.
222—Hadley, E. A.
134—Hadley, F. W.
645, 649, 652, 684, 716, 717, 718, 720, 725, 746—Haff, Frank E.
564—Hagensick, E. H.
230—Hahn, Chas.
936—Hahn, Fred J.
873—Hahn, Wm.
788—Haigh, H. A.
1213—Haigh, Henry A.
895—Hain, F. D.
594—Haines, Albert
556—Haines, Geo. B.
854—Hale, E. V.
38—Hale, J. W.
597—Haley, W. A.
522—Halifield, N. H.

214—Hall, A. C.
699—Hall, E. K.
866—Hall, E. T.
403—Hall, F. D.
679—Hall, G. C.
411—Hall, I. S.
1057—Hall, L.
647, 648—Hall, L. A.
806—Hall, M.
499—Hall, W. D.
528—Hall, W. L.
791, 794—Haller, F. L.
395—Haller, T. H.
533—Hallerorth, H. J.
1309—Halley, J. H.
377—Halliday, R. E.
553—Halloran, P. M.
1243—Halls, S. J.
116, 119—Ham, W. F.
971—Hambleton, Jos. T.
468—Hamblin, Geo. B.
449—Hamblin, John C.
816—Hamblin, R. N.
152—Hamer, Thos. R.
1172—Hamilton, F. M.
564, 565—Hamilton, F. T.
114—Hamilton, Geo. E.
212, 223—Hamilton, G. W.
109—Hamilton, J. E.
741—Hamilton, Jas. F.
393—Hamilton, John
204—Hamilton, John A.
977—Hamilton, R. B.
1—Hamilton, W. C.
401—Hamilton, W. J.
745—Hamilton, W. S.
214—Hamlin, C. P.
571—Hamlin, Frank W.
890—Hammer, V. T.
668—Hammitt, Walter
640, 642—Hammond, C. B.
1157—Hammond, E. M.
105—Hammond, G. O.
1157—Hammond, L. R.
47—Hammond, M. E.
1331—Hammond, Phillip
816—Hamprecht, Ed.
484—Hanchett, Benj. S.
915—Hancock, Chas. P.
1146, 1158—Hancock, J. W.
68—Handlon, J. H.
233—Handshy, C. F.
501—Handy, Sherman T.
655, 656—Haney, A. A.
810—Haney, C. V.
1117—Hanley, E. C.
250—Hanley, H. L.
229—Hanley, M. F.
320—Hanlon, F. J.
127—Hanlon, T. J., Jr.
1280, 1297—Hanna, D. B.
114—Hanna, J. H.
510—Hannaford, Foster
789—Hans, Philip
1222—Hansen, Fred
1138—Hansen, H. L.
68—Hansen, N. P.
52—Hansen, R.
1131—Hanson, Frank E.
221—Hanson, L. E.
552—Harbaugh, T. A.
1067—Harbin, H. L.
233—Hardaway, J. B.
969—Hardenburg, J. L.
536—Harder, J. A.
1115—Hardgraves, A.
481, 682—Hardin, A. T.
547—Hardin, Chas. B.
176—Hardin, H. G.
134—Hardin, J. O.
883—Harding, Geo. A.
1107, 1111—Harding, H. L.
670—Harding, J. H.
139—Harding, R. M.
1335—Harding, S. D.
292—Hardy, F. I.
779—Hardy, Frank I.
241, 486, 1068—Hardy, Geo. E.
1258—Hardy, J. B.
228, 228a—Hardy, J. G.
1199—Hardy, L. P.
982—Hare, C. W.
864—Hare, Robt.
895—Hare, S. B.
921, 922—Haring, A. B.
45—Hargis, Geo. F.
492—Hargrave, A.
1172—Harisberger, John
92, 104—Harlan, F. P.
975—Harley, G. B.
130—Harley, H. E.
1078—Harman, Kinney
797—Harman, R. A.
163—Harmes, Wm.
285, 286—Harmon, James
582—Harmon, Wm. F.
897—Harn, Fred.
871—Harn, Geo. U., Jr.
871—Harn, W. F.
959—Harnish, J. B.
944—Harper, Clarence L.
862—Harper, S. W.
874—Harper, Thos. W.
199—Harper, Wm. J.
390—Harrall, J. E.
751—Harrie, W. J.
90, 189—Harries, Geo. H.
535—Harrigan, J. R.
766—Harrill, A. V.
633—Harrington, Dan'l. K.
855—Harrington, C. A.
402—Harrington, John H.
536—Harrington, W. C.
1200—Harrington, W. O.
1069—Harris, Allen
790—Harris, Charles C.
1061—Harris, Chas. N.
1055—Harris, F. H.
312, 313—Harris, F. M.
647, 648—Harris, Geo. A.
52—Harris, Geo. H.
518—Harris, H. H.
1134—Harris, H. L.
61—Harris, Jas. W.
1260—Harris, Lloyd
390—Harris, M. F.
1286—Harris, R. C.
886—Harris, T. A.
62—Harris, W.
77—Harris, Walter
346—Harris & Harris
1287—Harrison, A. G.
130—Harrison, B. M.
632—Harrison, C. M.
441—Harrison, F. R. F.
523—Harrison, J. H.
124—Harrison, J. S.
523—Harrison, W. H.
196, 233—Harry, M. L.
305—Hart, C. W.
528—Hart, E. A.
1169—Hart, H. A.
885—Hart, J. N.
7—Hart, Loui
861—Hart, L. J.
1301, 1305—Hart, W. S.
108—Harte, Chas. R.
779—Harter, Russell J.
860—Hartford, A. W.
147—Hartin, T. N.
1041—Hartley, F. H.
290—Hartley, Wesley
1255—Hartman, C. H.
89—Hartman, C. L.
85—Hartman, H. W.
887—Hartman, J. L.
1170a—Hartman, Jno. P.
867—Hartman, J. W.
804—Hartman, S. B.
850—Harton, Wm. H., Jr.
1165—Hartung, H. C.
80, 82—Hartwell, E. S.
649, 717, 719—Hartz, Wm.
894—Hartzell, D. P.
1156—Harvell, J. E.
536—Harvey, A. E.
1072—Harvey, C. H.
141—Harvey, C. R.
1286—Harvey, D. W.
977—Harvey, G. A.
536—Harvey, Julien H.
616—Harvey, S. R.
343—Harvey, W. C.
751, 752—Harvie, W. J.
978—Harvison, Elmer
682—Harwood, G. A.
443—Harwood, Sydney
399, 399a, 438, 457, 471—Harwood, W. L.
658—Hasbrouck, A.
567—Hascall, C. A.
1304—Haskell, Lewis Clark
724—Hassard, Kendall B.
1218—Hasseler, C. M.
235—Hassman, Wm.
957—Hatch, Chas. M.
764—Hatch, G. W.
1044—Hatch, P. M.
14—Hatch, W. S.
143—Hatfield, S. W.
371—Hathorn, G. A.
277—Hauff, J.
208—Hausen, F.
788—Haveman, R. E.
598—Havens, A. O. S.
598—Havens, Roy T.
1170a—Havers, G.
1023—Hawbaker, C. W.
952—Hawke, G. T.
547—Hawkins, C. L.
1174—Hawkins, H. L.
251—Hawkins, M. S.
1149—Hawkins, M. S.
2—Hawkins, N. H.
1263—Hawkins, Wm. C.
122—Hawkridge, Jno. F.
456—Hawks, Chas. W.
558—Hawks, S. S.
501—Hawson, Jas.
896, 921, 922—Hay, Thos. A. H.
896, 921, 922—Hay, W. O.
401—Hayes, J. H.
515—Hayes, L. W.
790—Hayes, Richard
846—Hayes, R. R.
1042—Haygood, C. E.
1074—Haylow, J. H.
842—Haynes, Art.
158, 159, 200, 201, 202, 203 205—Haynes, L. C.
517—Hays, Chas.
1176—Hayward, P.
221—Hayward, R. H.
346—Hayworth, D. I.
585—Hazelrigg, S. F.
398, 424, 425—Hazelton, Chas. W.
1282—Hazen, Wm.
606, 893, 920—Hazzard, F. A.
278—Head, C. S.
167—Heald, E. A.
792, 821, 839—Healy, F. A.
1133—Healy, R. E.
50—Hearn, Geo. A.
460—Hearn, J. H.
827—Heath, A. F.
401—Heath, J. A.
180—Hebner, C. N.
799—Heckler, F.
629—Hecox, W. H.
1163, 1164—Hector, J. C.
1061—Hedger, S. C.
679, 685—Hedley, Frank
648—Hees, J. Ledlie
891—Heffner, M.
386—Hegarty, Geo. D.
743—Hegeman, B. A., Jr.
835a—Heil, W. H.
935—Hellman, A. T.
341—Helm, J. J.
170—Helmlecker, Fred
1013—Heinbokel, F.
112, 113—Heindle, Wm. A.
283—Heinemann, W. F.
925—Heiney, Sam'l
311, 320, 483, 487—Heinke, L. H.
297—Heinman, Joseph
666—Heinrich, John A.
233—Heiny, E. R.
679—Heis, Fred
480—Heise, Emma
241, 486, 1068—Hekma, Jacob
49—Helfrich, R. C.
58—Hellerman, Geo. K.
48—Hellman, I. W.

213—Hellmuth, G. T.
29—Heminway, W. L.
249—Hemming, R. N.
105—Hempstead, C. H.
1135—Hendee, H. D.
135—Hendee, M. H.
46—Henderson, C. A.
1168—Henderson, C. W.
1172—Henderson, D. W.
337—Henderson, E. V.
541—Henderson, Fred E.
444—Henderson, F. G. L.
1089—Henderson, John J.
1282—Henderson, J. R.
690—Henderson, W. J.
263—Hendricks, C. H.
105—Hendricks, L. W.
1218—Hendricks, Theodore
630—Hendryx, E. W.
854—Hengst, Ed.
1026, 1027—Hengst, V. A.
1317—Henkel, Alberto
1317—Henkel, Eduardo
1317—Henkel, Gustavo
1317—Henkel Bros.
634—Henning, E. H.
16—Henrichsen, H.
799—Henry, A. C.
788—Henry, A. L. C.
257—Henry, A. M.
634—Henry A. S.
271—Henry, Chas. L.
301—Henry, J. M.
81—Henry, J. O.
271—Henry, Lewis W.
698, 1004—Henshaw, F. V.
688—Henshaw, Jacob
42—Henshaw, Wm. G.
1246—Henson, G. A.
1121—Henson, Howard
983—Hepburn, F. T.
1335—Hercules, Thos.
585—Hereth, Chas. E.
129—Heritage, H. K.
538—Herkert, Fred, Sr.
538—Herkert, Fred, Jr.
1113—Hernandez, Ben
935—Herr, H. N.
1072—Herrell, S. J.
409—Herrick, Robt. F.
337—Herrin, J. J.
41, 72—Herrin, Wm. F.
223—Herring, W. C.
117 2—Herring, W. E.
360—Herrington, L. B.
339—Hershey, I. H.
935—Hershey, M. S.
827—Hertenstein, F.
1229—Hervey, E. M.
899—Hess, Chas. T.
1028a—Hess, L. E.
230, 233—Hess, L. W.
965a—Hess, O. P.
1121—Hesse, E. E.
66—Hesse, W.
217—Heun, W. H.
621—Hewes, James E.
101—Hewett, F. A.
422—Hewitt, Brigham
1124—Hewitt, Daniel
1283—Heyworth, J. O.
274—Heydon, Edw.
1231—Hibbard, Freeman
777—Hibbard, M. L.
273—Hibben, Harold J.
815—Hickey, J. D.
750a—Hickey, J. H.
534—Hickman, B. J.
223—Hickman, F. M.
1163, 1164—Hickok, John Jr.
741—Hicks, Herman E.
741—Hicks, J. W.
875—Hicks, Virgil
300—Higbee, G. H.
525—Higginbotham, J.
835—Higgins, H. H.
1174—Higgins, John C.
536—Higgins, R. J.
965a, 991, 1202, 1205, 1206, 1208—Higgins, W. E.
317, 318—Higginson, Geo. Jr.
233—Hight, Eugene
83, 86—Hild, F. W.
422—Hildreth, E. C.
854—Hill, C.
961—Hill, D. E.
699, 702a, 708—Hill, E. W.
643—Hill, F. H.
987a—Hill, G. M.
1216—Hill, G. M.
280—Hill, Geo. S.
898—Hill, Geo. W.
940—Hill, H. H.
338—Hill, Irving
141—Hill, J. A.
511—Hill, Louis W.
978—Hill, M. J.
1054—Hill, Thos. F.
114—Hill, T. G
174, 182—Hill, W. W.
655, 656—Hills, L. J.
663—Hinde, Thos. G.
490—Hines, Jos. C.
738—Hinkley, Mary (Miss)
738—Hinkley, Mary M. (Mrs.)
728, 750—Hinman, F. L.
1218—Hinsloff, L. A.
953—Hipple, Henry
1250—Hire, John
348—Hirsch & Sons, Cal
710—Hirt, L. J.
542—Hisserick, L.
597—Hitchock, Wm. H.
207—Hixson, H. R.
276—Hixson, L. T.
558—Hobbins, J. R.
595—Hobbs, Geo. H.
403—Hobbs, W. J.
141—Hobgood, L. M.
1063—Hobson, F. W.
55—Hockenbeamer, A. F.
336—Hocker, R. W.
1286—Hocking, W.
486—Hodenpyl, Anton G.
13—Hodge, H. B.
645, 652, 718, 720, 725, 746—Hodges, H. B.
946—Hoffman, C. E.
1016—Hoffman, Chas. P.
1034—Hoffman, E. A.
787—Hoffman, H. H.
172, 173, 178, 182, 186—Hoffmann, Frank D.
694—Hoffmaster, G. E.
793—Hogan, C.
719—Hogan, J. J.
750—Hogan, J. T.
609—Hogan, Wm. F.
274, 276—Hogate, Chas.
810—Hoglen, C. H.
1146—Hogshead, C. C.
1017—Holbrook, A. A.
467—Holbrook, Geo. P.
1062—Holden, Hale
628, 749—Holden, H. S.
1062—Holdrege, G. W.
769—Hole, Charles B.
769—Hole, L. H., Jr.
769—Hole, R. J.
356—Holiday, Beecher
291, 292—Hollar, L. E.
278—Holliday, A. R.
1171—Hollings, A.
411, 576—Hollis, Allen
278—Hollis, R. H.
636—Hollister, G. A.
408, 409—Hollowell, John W
300—Holman, J.
277—Holman, Philip
621—Holmes, C. E.
337—Holmes, C. F.
495—Holmes, Clyde J.
57, 58, 59—Holmes, Geo.
535—Holmes, O. V.
337—Holmes, W. G.
967, 1028—Holsman, Gerald
638—Holstein, John
750—Holstock, Wm. E.
63—Holt, E. J.
126—Holtzclaw, J. G.
395—Holzapfel, Henry, Jr.
393—Holzshu, C. G.
695—Homan, Wm.
691, 709, 710—Homer, Francis T.
811—Hommel, P. A.
226, 242—Homrig, G. H.
728, 750, 755—Honold, P. J.
1041—Hoober, John A.
390—Hood, J. M., Jr.
427, 575—Hood, R. D.
1187—Hood, Smith
62, 77—Hooper, J. J.
151—Hooper, R. E.
867, 873—Hoopes, Chas.
789—Hooven, C. E.
1065, 1067, 1078—Hoover, F. W.
983—Hoover, W. O.
96—Hopkins, Frank L.
1062—Hopkins, L. N.
201—Hopkins, M. S.
933—Hopkins, Wm.
1248—Hopper, H. M.
1228—Horan, M.
1065, 1067—Horan, M. J.
66—Horn, H.
578—Horn, H. C.
233—Horn, J. M. C.
1158—Horn, W. H.
428—Horne, F. J.
1242—Horne-Payne, R. M.
485—Horning, Geo. R.
26—Hornor, E. C.
26—Hornor, E. T.
26—Hornor, G. L.
26—Hornor, J. S.
526—Horton, Frank
668—Horwill, Ed. T.
557—Hosking, Wm.
401—Hoskins, J.
747—Hoskins, L. G.
69, 596a—Hoskins, P. M.
75—Hotaling, R. M.
653, 654—Hotchkiss, Chas. E.
802—Hott, Chas. E.
932, 933, 934—Houck, Chas. B.
1015—Houck, U. S.
942—Houghton, C. A.
368—Houlard, M. V.
404—Hourin, J. J.
383—House, R. H.
873—House, W. J.
158—Houser, F. G.
1307—Houston, D. W.
1044—Hovey, Francis J.
222—How, E. A.
710—Howard, A. C.
1061—Howard, C. A.
682—Howard, C. C.
537a—Howard, E. A.
852—Howard, E. C.
1131—Howard, E. O.
1079—Howard, G. B.
324—Howard, Ira
516—Howard, R. M.
324—Howard, Riley
324—Howard, Stephen
324—Howard, Wilbur
1168—Howard, W. S.
645, 652, 718, 720, 725, 746—Howarth, H. A.
130—Howe, C. L.
121—Howe, David A.
1166, 1172, 1172a—Howe, Jas. B.
302—Howe, J. W.
577—Howe, Louis P.
401—Howe, R. C.
143—Howell, A. M.
785—Howell, C. H.
1130—Howell, Edward L.
871—Howell, S. A. V.
806—Howell, T. E.
914—Hower, H. H.
914—Hower, Jay K.
266, 281—Howey, R.
771—Howison, R. C.
1261—Howitt, C. E.
762—Howland, Reginald
762—Howland, Stanley
119—Hoyt, Allen G.
469—Hoyt, H. L.
1316—Hubbard, H. Malcolm

1028—Hubbard, Rowland
401—Hubbard, W. S.
1310—Hubner, George
382—Hudson, D.
1187—Hudson, Geo.
38—Hudson, Horace R.
1298—Hudson, J. P.
688—Hudson, N. M.
403—Hudson, Woodward
24, 189, 332—Huey, A. S.
667, 675, 676, 689, 761—Huff, Slaughtar W.
886—Huggins, C. N.
855—Hughes, A. R.
660—Hughes, E.
1267—Hughes, E. S.
1090—Hughes, Ed. S.
132—Hughes, H. M.
1090—Hughes, J. A.
415—Hughes, J. T.
783—Hughes, R. L.
731—Hughes, Thos. L.
634—Huhme, J. W.
1063—Hull, Frank
1172—Hull, Henry
337—Hull, John
946—Hull, R. B.
915—Hullihen, Richard B.
55—Hullin, N. J.
684, 687, 975—Hulme, Thos. W.
311, 483, 487 — Hulswit, Frank T.
333—Humbert, Jas. E.
694—Hume, Arthur C.
1270—Humeston, H. H.
903—Hummelbaugh, J. A.
353, 354—Humphrey, Alex. P.
108—Humphrey, J. H.
50—Humphreys, C. L.
1175—Hungate, J. W.
399a, 488—Hunnewell, F. S.
616—Hunt, Edw. M.
886—Hunt, F. D.
494—Hunt, G. B.
124, 125, 127. 130, 138, 139, 147, 362—Hunt, H. H.
55—Hunt, John H.
773—Hunt, Raymond
582—Hunt, Sam'l P.
777a—Hunter, A. I.
429—Hunter, Geo. H.
1191—Hunter, H. F.
1087—Hunter, S. S.
65—Hunter, W. J.
1087—Hunter, W. J.
1103, 1104—Hunter W. L.
595, 721, 722, 723—Huntington, Clarence W.
1176—Huntington, D. L.
46——Huntington, H. E.
46—Huntington, Howard
883—Huntley, W. A.
235, 309, 310 — Huntoon, J. G.
114—Hunting, H. P.
177, 178—Hupp, Frank L.
301, 320, 483, 487 — Hurd, C. M.
783, 784—Hurd, J. C.
201—Hurlbut, F. A.
734—Hurlbutt, Clinton
616—Hurley, Peter E.
871—Hurst, H. S.
1175—Hurtig, L. F.
4—Hury, J. T.
403, 419,—Hustis, James H.
884—Huston, H. M.
478—Huston, J. C.
1209—Hutcheson, J. E.
686—Hutchings, J. T.
337—Hutchings, S. D.
475, 476, 477. 478, 479, 480, 1293—Hutchins, J. C.
490—Hutchinson, C. A.
115—Hutchinson, W. F.
290—Hutchison, Chas.
1334—Hutchison, Jas.
213—Huttleston, C.
349, 821—Hutton, Jas. M.
213—Hyatt, J. S.
1330—Hyde, Sir Clarendon G.
360—Hyde, G. C.
876—Hyde, Louis K.
749—Hyland, J. M.
648—Hyland, Wm. H.
742—Hyman, D.
51—Hynes, M. J.

817—Inderrieden, J. D.
1089—Ing, Chas.
602, 608, 614—Ingalls, Percy
967—Ingersol, C. E.
682—Ingersoll, H. L.
541—Ingersoll, L. F.
317, 318—Ingle, J. P.
741—Ingle, W. O.
1279—Inglis, Malcolm M.
1239—Ingram, F. C.
1288—Ingram, H.
1097—Ingram, H. L.
67—Ingram, W. F.
541—Innis, C. R.
188a, 693—Insull, Fred. W.
188a, 192, 212, 492, 693, 1283—Insull, Martin J.
176, 184, 185, 187, 188, 188a, 189, 190, 192, 198, 208, 693, 1134 — Insull, Samuel
1321—Irizar, Roberto
1321—Irizar, Salvador
1321—Irizar, Vicente
222—Irland, F. W.
50—Irvine, James
401—Irwin, H. W.
255—Irwin, Wm. G.
229—Irwim, W. M.
665—Isaacsen, I.
323—Isaacson, F.
927—Iseli, F. W.
937—Isenberg, F. Blair
702b—Ivers, Harry B.
702b, 705—Ives, Arthur S,
98—Ives, J. Moss

113—Jack, A. G.
1201—Jackson, E.
596—Jackson, George
49—Jackson, H. F.
629—Jackson, H. I.
1160—Jackson, J. E.
1a—Jackson, Lawrence W.
402—Jackson, O. A.
52—Jackson, W. P.
558—Jackson W. T.
198, 208—Jacobson, L. E.
201—Jacques, L. W.
51—Jaeger, H. E.
84—James, B. F.
1066—James, C. E.
1258—James, Harry
1288—James. Philip, L.
1144—James, R. A.
982—James, R. C.
1066—James, W. T.
273—Jameson. Henry
399, 399a, 438, 457, 464, 465, 471—Jamieson, J. W.
1056—Janssen, Aug.
79—Jardine, A.
1127—Jarvis, P. W.
305—Jasperson, A.
1043—Javierre, Clemente
632—Jefferson, Wm.
276—Jeffries, G. K.
437—Jefts, C. A.
692, 707, 1121—Jelliffe, C. N.
15—Jeminez, P. J.
282—Jenkins, Chas.
1153—Jenkins, H. J.
923—Jennings, C. H.
1290, 1293—Jennings, Edw.
769—Jennings, Henry
254, 275—Jennings, W. H.
747—Jensen, John
348—Jessee, P. C.
977—Jewell, Leon
685—Jewett, C. H.
1315—Jimbourg, Eugene
728, 750, 755—Joel, J. M.
1117—Johns, H. E.
916—Johnson, Amos
1233—Johnson, A. D.
865—Johnson, Ben. F.
1174—Johnson, B. R.
110—Johnson, B. W.
1156—Johnson, C. C.
763, 771—Johnson, Charles E.
871—Johnson, C. H.
802—Johnson C. H.
336—Johnson, D. B.
543—Johnson, Ed.
65—Johnson, Elliott
48—Johnson, E. C.
1139—Johnson, Elmer C.
396—Johnson, Fayette
167—Johnson, F. C.
977—Johnson, F. W.
1228—Johnson, Fred.
234—Johnson, Howard
84—Johnson, H. A.
176, 184, 185, 187—Johnson H. A.
14—Johnson, H. B.
1100, 1101—Johnson, H. R.
151—Johnson, H. S.
728, 755—Johnson, H. S.
369—Johnson, Harry K.
975—Johnson, Jas. C.
195, 286—Johnson, J. E.
547—Johnson, J. Y.
873—Johnson, J. J.
694—Johnson, Jr., John D.
1188—Johnson, L. E.
81—Johnson, L. W.
382—Johnson, M. A.
47—Johnson, M. E.
1194—Johnson, P. S.
616—Johnson, Rankin
194—Johnson, Robert
863—Johnson, Roy M.
162—Johnson, S. E.
134—Johnson, T. F.
1228—Johnson, W. T.
1289—Johnston, Chas.
159, 200, 201, 202 — Johnston, E. C.
696—Johnston, E. H.
1121—Johnston, Fred. J.
298—Johnston, F. M.
199—Johnston, W. C.
1304—Johnstone, Chas.
929—Joliffe, Jas. A.
1060—Jolly, A. S.
788—Jonas, E. J.
1201—Jones, A. M.
994—Jones, B. F., Jr.
724—Jones, Bert L.
763—Jones, B. M.
11—Jones, C. B.
162—Jones, C. J.
368—Jones, D. W.
1234—Jones, D. W.
249—Jones, Earl E.
582—Jones, Edwin F.
835—Jones, F.
1072—Jones. F. J.
1149—Jones, H. H.
68—Jones, Henry T.
39—Jones. J. E.
266—Jones. J. Levering
724—Jones, Jos. T.
483—Jones, L.
52—Jones, L. E.
1149—Jones, L. M.
36—Jones, L. S.
223—Jones, M.
1024—Jones, Owen M.
911. 990—Jones, P. N.
696—Jones, Paul R.
1121—Jones, R. C.
1002, 1003, 1004—Jones, R.D.
143—Jones, R. Frank
427, 575 — Jones, Richard L.
590—Jones, Richmond L.
9—Jones, R. W.
529—Jones, S. J.
522—Jones, S. M.
1117—Jones, S. Rufus
1135—Jones, T. B.

1150, 1156—Jones, T. Norman
1145—Jones, Thornton F.
14—Jones, U. G.
873—Jones, W. C.
1129—Jones, W. E.
1082—Jones, W. J.
994—Jones, W. Larimer
1331—Jones, Jr., Wm. A.
496—Jopling, Morgan W.
1220—Jorgensen, E.
1218—Jossart, J.
104—Judge, J. B.
1211—Juhl, Martin H.
508—Junge, Henry

516, 1218—Kaap, T. F.
922—Kahler, Jacob
687—Kalbach, A. E.
1227—Kalweit, Geo. W.
291, 292—Kambs, W. C.
936—Kapp, C. H.
260, 264—Karges, Albert F.
816—Karns, Allen
510—Karow, Edw.
48—Karr, Frank
839—Kasemeier, E. L.
834—Kaspar, N. A.
682—Katte, E. B.
512—Katzenbach
496—Kaufman, N. M.
846—Kaup, Al.
21—Kavanaugh, C. C.
678—Kay, Robt. B.
57, 58—Kayser, A. H.
370—Keagle, Bessie
536—Kealy, Philip J.
852—Kearney, J. H.
105—Kearney, P. J.
1006—Kearney, R. P.
51—Kearns, Thos.
965a, 991, 996, 1202, 1205, 1206, 1208—Keating, R. B.
1080—Keeble, W. A.
1211—Keefe, T. F.
675, 679, 685—Keegan, Geo.
738—Keeler, C. L.
838—Keeler, F.
979—Keen, C. G.
383—Keep, H. W.
1042—Keesee, Oscar
249—Keever, C. S.
1156—Kehl, W. J.
839—Kehoe, M. J.
838—Keifer, W. W.
135—Keim, Lewis
975—Keiser, C. B.
1196—Keil, Frank
1030—Keller, A.
1252—Keller, Carl T.
672—Keller, John W.
953—Keller, T. C.
298—Kelley, C. M.
745—Kelley, E. F.
499—Kelley, Howard G.
24—Kelley, T. G.
460—Kellogg, Emery C.
1216—Kellogg, W. F.
218—Kelly, Robt.
435—Kelly, Thos. A.
1072—Kelly, T. C.
827—Kelser, F. S.
249—Kelsay, G. H.
485—Kelsey, Chas. B.
52—Kelton, H.
1126—Kemp, J. A.
538—Kemper, Henry
1172—Kempster, Arthur L.
1157—Kenard, A. J.
666—Kendall, L. C.
582—Kendrigan, Thomas H.
166—Kennedy, E. R.
596—Kennedy, P. J.
74—Kennedy, S. M.
904—Kennedy, Thos. B.
489—Kennedy, W. H.
24—Kennedy, W. R.
779—Kenney, T. A.
474—Kenoyer, Ray
661, 672, 673, 683, 761—Kent, Jas. D.

105—Kentfield, L. H.
1057—Kenyon, A. L.
626—Keogh, M. H.
33—Kerckhoff, W. G.
52—Kerin, Thos.
741—Kernan & Kernan
558—Kerr, F. M.
1193—Kerr, R. E.
946—Kershner, Jefferson E.
475, 476, 477, 480—Kerwin, John
1302—Kerwin, M.
944—Kessler, Geo.
240, 484, 494, 500, 779—Kessler, H. G.
809—Kessler, W. M.
170—Key, John
126—Key, W. F.
808—Keyes, Wm. A.
216—Keys, E.
475, 476, 477, 478, 479, 480—Keys, Jno. F.
655, 656—Kibling, F. H.
1242—Kidd, George
1168—Kidder, E. F.
679—Kidder, H. A.
962—Kiefer, Jr., Wm.
158—Kiersted, E. C.
741—Kilbride, M. D.
797—Kilfoyle, Thos. P.
816—Kilgour, Bayard L.
816—Kilgour, Chas.
1327—Killam, I. W.
639—Killeen, G. C.
881—Kilmore, J. B.
116, 119—Kimball, C. S.
512—Kimball, D. H.
608—Kimball, Frank C.
1190—Kimmel, R. E.
1006—Kimmett, A. D.
1270—King, C. B.
116, 119—King, Clarence P.
1207—King, E. R.
65—King, G. L.
128—King, J. L.
1144—King, J. M.
1121—King, Perry L.
116, 119, 121—King, R. W
846—Kingsead, R.
1257—Kingsman, Abner
1072—Kington, J. M.
743—Kinsey, Chester A.
891—Kinsey, F. S.
1166, 1171, 1172a—Kirchhalne, C. F.
325—Kirk, E. L.
283—Kirk, H. F.
347—Kirkpatrick, E.
482—Kirkpatrick, J. C.
276—Kirkpatrick, L. J.
1259, 1260—Kirkwood, M. W.
932, 933—Kirschner, C. J.
1326—Kirton, W. A.
999—Kirzen, E. F.
682—Kittredge, G. W.
1213—Kittsley, Frank
902—Kitzmiller, E J.
32—Kizer, D. L.
340—Klag, C. E.
1166—Klapp, C. F.
178—Klatte, A. J.
606, 920—Klein, W. C.
849—Kleinhans, C. B.
329—Klemm, K. D.
866—Kline, C.
966—Kline, I. B.
1214—Kline, P. D.
810—Kline, Robt. E.
98—Klinsing, Geo. H.
196—Klotz, H. J.
678—Klumpp, C. S.
18—Knean, A. H.
523—Knight, Adrian
61—Knight, Allen
602, 614—Knight, D. K.
379—Knight, F. H.
180—Knight, P. O.
1057—Knowlen, Jno. F.
1196—Knowles, E. M.
179—Knowles, F. W.
1060—Knox, F. H.
1245—Knox, R. R.
1060—Knox, W. J.

260, 262, 264, 357—Koch, Wm. A.
258—Kocher, S. J.
1006, 1012—Kochersperger, H. C.
1007, 1008—Koehler, R. L.
1019—Koenig, L. O.
597—Kohlbecker, W. F.
841—Kohler, Gus A.
809—Kohler, J. D.
607—Kohn, Harry E.
1041—Kolb, R. E. L.
648—Kolstad, C. A.
506—Kook, R. B.
29—Koonce, A. R.
624—Kopff, Fred. L.
990a—Kortner, Alex.
541—Koss, O. F.
1330—Kraemer, H.
508—Kranhold, A. A.
819—Krantz, A. J.
924—Krause, Geo. D.
915—Krebs, Simon
935—Kreider, J. R.
756—Krementz, Geo.
756—Krementz, Richard
495—Kressler, C. S.
899—Kressler, Geo. H.
176, 184, 185, 187—Kretschmer, E. E.
998—Kreuer, Wm. V.
916—Krial, Chas.
975—Krick, C. S.
4—Kribs, H. J.
831—Krieg, M. A.
919—Krill, A. J.
808, 866, 1118—Krohn, S. M.
67—Kruttschnitt, J.
728, 755—Kubu, J. S.
513—Kuckler, P.
1227—Kuemmerlein, Geo., Jr.
225, 309, 310, 487—Kuhn, Geo. G.
46—Kuhrts, G. J.
1014—Kulp, Sarah W.
660—Kunkell, Chas. A.
957—Kuntz, G. W.
1107, 1111—Kunz, A. T.
739—Kuns, J. A.
332, 548—Kurtz, E. M.
1229—Kurtz, Simon
608—Kuser, A. R.
979—Kuylenstjerna, A.
1149—Kyle, E. D.

302—Laas, Frank W.
917—La Bar, L. G.
513—La Belle, R. M.
324—Lacey, T. F.
461—La Comb, John
1183—Lacy, Jos. B.
350—Laffoon, Polk
779—Lahr, Chas.
800—Lahrmer, J. H.
881, 1181—Laing, John A.
1191—Laing, J. B.
1190—Lake, Chas.
63—Lake, Geo. C.
325—Lake, M. W.
197—Laker, C.
327—Lamb, W. G.
221—Lamb, W. T.
830—Lambert, H. L.
339—Lamont, J. J.
408—Lamoure, W. T.
777a—Lander, E. J.
1041—Landers, Jno. J.
1297—Lancaster, W. C.
211—Landon, Mary A.
363—Landry, D. J.
363—Landry, J. A.
924—Lane, A. F.
214—Lane, Guy C.
388—Lane, H. A.
779—Laney, Chas. A.
999—Lang, Chas.
955—Lang, Fred.
1276—Lang, Geo. W.
162—Lang, H. C.
708—Lang, W. C.
306—Langan, R. C.

490—Lange, G. J.
168, 169—Langenfeld, John
686—Langford, E. J.
1302—Langford, Wm.
595—Langston, Capt.
554a—Langworthy, B. S.
150—Lanier, Geo. H.
1144—Lanier, H. S.
334—Lanigan, L. E.
1023—Lanunskie, J. A.
31—Lansley, Jno. W.
713—Lardner, H. A.
975—Large, J. B.
1160—Larimer, C. D.
84—Larkin, R. C.
990—Larned, J. M.
1137—Larrabee, H. D.
47—Larrabee, W. D.
966—Larrad, Sidney
1328—Larrien, Frank J.
1328—Larrien Jorge, A.
165—Larsh, F. J.
326—Larson, Elmer
342—Larson, O.
1202, 1205, 1206, 1208—Lash, E. D.
1316—Lash, Miller
1316—Lash, Z. A.
142, 1060—Lasher, Frank B.
868—Lasher, O. C.
427—La Suer, Guy H.
692, 707, 1121—Lathrop, A.P.
81—Lathrop, B. M.
489—Latimer, W. B.
956—Latta, C. H.
750—Latta, F. R.
567—Lattin, Herbert C.
1016—Lauer, W. H.
1291—Laughlin, C. J.
1272—Laughlin, W.
3, 4—Launey, R. O.
1242—Laursen, V.
334—Lause, H. T.
1313—Lavin, Ulpiano Ruis
156—Law, J. R.
1247a—Law, Robert, Jr.
1127—Law, W. S.
346—Lawhorn, Jas.
359—Lawless, J. E.
182—Lawrence, Chas.
1196—Lawrence, F. B.
1239—Lawrence, J.
692—Lawrence, Jas.
1214—Lawrence, W. G.
687—Lawser, H. C.
573—Lawson, G. H.
1138—Lawson, W. H.
1126—Lawton, F. N.
573—Laxson. Henry A.
221—Lay, F. M.
1034—Laycock, C. W.
1186—Leach, A. B.
1324—Leach, Harvey S.
1220—Leach, W. J.
661—Leaddy, John
919—Leader, W. J.
544—Leahy, David P.
1149—Leard, H. S.
1101—Learmonth, C. L.
402—Learned, C. E.
388—Leary, J. T.
314—Leaver, Thos.
779—Leavitt, K. D.
888—Lebenbaum, Paul
935—Lebkicher, Wm. H.
756—Lebkuecher, Frank
1072—Lebow, J. E.
847, 851—Ledbetter, H. T.
966—Lederach, Jno.
1103, 1104—Ledlie, J. B.
481—Ledyard, H. B.
1274—Lee, C. S.
699—Lee, E. B.
975—Lee, Elisha
100—Lee, Robert P.
623—Lee, W. J.
765—Lee, W. S.
294—Leech, A. T.
568—Leeper, R. C.
401—Lees, Thos.
68—Legare, B. P.
1284—Legasse, R.
707—Lehman, Philip
928—Leib, Wm. S.
46—Lieber, L. O.
962—Leiby, Wilson
998—Leigh, R. Walter
64—Leighton, Jno. B.
233—Leisenring, John
935—Leithiser, J. B.
297—Leland, Charles
997—Leland, C. Taylor
401—Leland, T. E.
1071—Leland, W. A.
1074—Le May, L.
1302, 1303—Le Moine, A.
562—Lemon, L. C.
197, 240—Lemons, W. H.
1269—Lenhart, C. E.
81—Lennox, W.
998—Lentz, N. M.
518—Lenz, E. J.
1166, 1171, 1172, 1172a, 1178, 1179—Leonard, Alton W.
402—Leonard, Chas. J.
961—Leonard, F. C.
684, 975—Leonard, H. R.
390—Leonhauser, H. A.
963, 990—Lepper, C. W.
793—Leslie, Chas. M.
257—Leslie, G. M.
886—Le Tourneau, E. H.
564, 565—Leussler, R. A.
266, 279—Levering, R. W.
77—Levinsky, A. L.
866, 1086, 1087—Levinson, L. M.
584a—Levitt, W. A.
1114—Levy, R. B.
799—Lewenthal, A.
643—Lewis, A. M.
798—Lewis, A. P.
233—Lewis, C. A.
346—Lewis, C. R.
599—Lewis, D. C.
576—Lewis, E. H.
46—Lewis, E. L.
919—Lewis, E. T.
404—Lewis, F. C.
364—Lewis, G.
145, 1070—Lewis, G. W.
498—Lewis, H. P.
1188—Lewis, J. Clyde
206—Lewis, J. J.
348—Lewis, J. S.
760—Lewis, L. L., Jr.
1242—Lewis, P.
1230—Lewis, W. Carey
1183—Lewis, W. H.
658—Ley, Fred T.
371—Libby, Fred H.
46—Lieber, L. O.
1203—Liggett, J. S.
68—Lilienthal, Jesse W.
1331—Liljander, A. E.
350—Lillard, P. P.
500—Lilley, C. A.
886, 1068—Lilley, Wm.
1175—Lillie, E. E.
982, 1055—Lillie, Lewis
1089—Lilly, W. E.
78—Linabery, J. C.
402—Lindall, John
1034—Lindemuth, E. L.
684—Lindenthal, G.
1288—Lindsay, Frank
78—Lindsay, J. C.
767—Lindsay, R. L.
768—Lindsey, J. J.
299—Linebaugh, F. W.
1010—Linen, J. A., Jr.
886—Lines, W. H.
1072—Link, Jas.
885—Link, S.
709, 710, 947—Linn, A. L., Jr.
175—Linn, W. A.
232—Linn, M. G.
537—Linn, W. T.
745—Linnehan, D. F.
1267b—Lippert, G.
1012—Lippincott, Walter H.
623—Lippitt, L. E.
421—Lish, Wm. P.
90—List, Herbert
451—Litchfield, C. I.
311—Littig, Harry E.
1010—Little, H.
117—Little, N. M.
942—Little, P. J.
724a—Little, W. Paxton
1143—Livers, John L.
1001—Livingood, Frank S.
118—Livingston, Colin H.
1285, 1289—Livingston, F. S.
484—Livingston, W. E.
74—Lloyd, Joseph N.
312, 313—Lloyd, M. M.
687—Lloyd, S. B.
478—Lloyd, T. E.
81—Lloyd, Wm.
750a—Loasby, A. W.
629—Lodge, John B.
621—Loeb, Wm., Jr.
1164—Loft, Peter N.
1086, 1087—Loftin, E.
990—Loftis, J. M.
1097—Loftus, M. J.
474—Logan, Jas. F.
228, 228a—Logan, Sallie (Mrs.)
1197—Logan, Thos.
631, 632—Lohman, C. G.
788—London, V. M.
390—Long, B. B.
1115—Long, H. M.
895—Long, Robert
976—Long, R. D.
851—Long, Wm.
1041—Long, W. H.
303—Longanecker, H. R.
386—Longfellow, N. R.
124—Longino, B. T.
135—Look, A. W.
556—Loomis, A. G.
125—Loper, E. D.
372—Lord, E. F.
622, 638, 646, 754—Loree, L. F.
513—Lorentz, Emil
369—Lorenz, C. K.
298—Loring, Homer
278—Losey, G. H.
1187, 1197—Lough, O. F.
55—Love, Jos. C.
1155—Love, Thos. B.
109—Lovejoy, F. W.
461—Lovejoy, John
344—Lovejoy, W. A.
724a—Lovelace, F. L.
163—Lovell, C. E.
452—Lovering, Arthur
583—Lovering, J. W.
162—Lovett, W. H.
402—Low, F. F.
578—Lowe, H. G.
680—Lowe, W. W.
795, 796—Lowery, J. E.
838—Lowery, J. H.
175—Loweth, C. F.
510—Lowry, Horace
800—Lowry, Pearl
51—Lowry, R. L.
235—Lowry, T. G.
900—Lowry, W. F.
1311—Lozano, E. R.
1278—Lucas, I. B.
967—Lucas, J. A.
390—Ludwig, W. C.
1014—Lugar, Frank
976—Lugar, Jos. C.
1180—Lugger, H. K.
1227—Lukens, R. R.
246—Lukes, Geo. H.
1318—Lukes, L.
888—Lull, H. M.
87—Lundstrom, J. E.
252, 258—Lunier, Ed. E.
884, 1175—Lupfer, Alex. M.
866—Lusher, G. R.
1259, 1260—Luts, W. H.
660—Lybolt, S. K.
955—Lyle, Jno. M.
1135—Lyman, Elias
221—Lyman, W. H.
189—Lynch, B. W.
401—Lynch, D. J.
71, 72—Lynch, Henry H.
1290, 1298—Lynch, James

1302, 1303—Lynch, W. J.
575—Lynde, L. E.
351—Lyne, J. H.
1011—Lynett, E. J.
991, 996, 1202, 1208—Lynn, A. M.
1261—Lyon, J. W.
56—Lyon, W. R.
854—Lyons, Fred
759—Lyons, F. E.
402—Lyons, Henry S.
870—Lyons, L.

83, 86—McAloney, W. H.
928—McAndrews, T. J.
941—McAneny, Jos.
523—McArthur, Ira H.
881, 1181—McArthur, Lewis A.
928—McAsay, P. J.
1212—McAssey, F. W.
965a, 991, 996, 1202, 1205, 1206, 1208—McBride, C. C.
987—McBride, Wm.
399, 399a, 438, 457, 471—McCabe, J. F.
1058—McCabe, James
344—McCahan, J. H.
361a, 361b—McCaleb, Howard
187—McCall, P. F.
32, 1113—McCall, W. S.
192—McCallum, J. N.
526—McCallum, Jos. N.
1278—McCann, J.
68—McCants, M.
201—McCarron, J. H.
1210—McCarter, John
602, 603, 614 — McCarter, Thos. N.
82—McCarthy, C. A.
770—McCarthy, C. J.
990—McCarthy, F. W.
479—McCarthy, John
736—McCarthy, T. D.
303—McCarty, Guy
1074—McCarty, J. W.
114—McCarty, W. H.
553—McCarvel, T. J.
1235—McCauley, Thos. H.
969—McClellan, J. G.
1289—McClelland, L. P.
699—McClelland, R. J.
906—McCloskey, David M.
995—McCloy, W. L.
129—McClung, Emmet
969—McClure, J. H.
860—McClure, J. H.
129—McClure, Wm. C.
290—McColgin, H. F.
1235—McColl, J. F.
1267—McColl, J. W.
848—McComas, Perry R.
993—McComb, J. A.
293—McComb, Jesse
962—McConnell, J. D.
710—McConnell, H. N.
1299, 1300 — McConnell, J. W.
559—McConnell, O. W.
820—McCormick, E. M.
1248—McCormick, Maurice E.
188a, 193, 492, 693 — McCormick, O. E.
1201—McCoy, H. W.
1234—McCoy, James
819—McCoy, N. H.
93, 107—McCoy, Wm. F.
1201—McCoy, W. J.
219—McCracken, R. A.
384—McCray, L. H.
902—McCrea, W. H.
1304—McCuaig, C. J.
542, 547—McCulloch, Richard.
939—McCullough, C. B.
939—McCullough, Robt.
196—McCune, E. P.
259, 262—McCurdy, Wm. H.
687—McDermott, H. T.
1297—McDermott, M.
1330—McDonald, A.
912a—McDonald, Ernest R.
327—McDonald, F.
529—McDonald, F.
806—McDonald, Jno.
622—McDonald, J. C.
927—McDonald, J. R.
1278—McDonald, K.
674, 676, 677, 681—McDonald, Owen
818—McDonel, J. D.
390—McDonough, M. J.
1305—McDougal, Thos.
492—McDougall, J. D.
741—McDougall, R. E.
370—McDuff, O. M.
815—McElravey, R. J.
111—McEnaney, Frank
728—McEwen, I. H.
180—McEwen, Willard
220—McFarland, John
334—McFarland, Wm.
649—McFaul, D. W.
404—McFee, G. H.
1042—McGeachin, W. R.
763, 771, 1181—McGee, D. F.
1273—McGee, H. H.
661—McGeen, James
113—McGill, C. S.
1021—McGinley, John
390—McGinn, B. J.
627—McGinn, Austin
361—McGinnis, Irving
368, 710—McGivney, J. R.
273, 274, 276 — McGowan, Jos. A.
879—McGrath, Morris
1166, 1171, 1172, 1172a, 1178, 1179—McGrath, Wm. H.
393—McHenry, James A.
312, 313—McHenry, W. H.
1172—McIlrath, E. J.
8—McInnish, G. J.
885—McIntire, Ralph
1280—McIntosh, D. J.
795, 796—McIntosh, H. P.
1279—McIntosh & Hyde
399, 399a, 438, 457, 459, 464, 465, 471, 473 — McIntyre, F. P.
1267b—McIntyre, V. S.
1279—McIvac, D.
1214—McIver, Jr., G. W.
99—McKaig, F. P.
1250—McKay, H. F.
1007—McKeand, John
170—McKee, J. D.
20—McKee. W. E.
643, 709, 710, 947—McKenna, J. A.
1295—McKenney, H. F.
511—McKenzie, A. D.
55a—McKie, J. H.
1230—McKinley, John
165, 166, 170, 195, 209, 210, 215, 229, 230, 233, 234, 236, 238, 322, 328, 344, 346, 533, 543, 1230 — McKinley, Wm. B.
49—McKinley, W. L.
1061—McKinney J. E.
87—McKinney, J. P.
1326—McKinstry, A. H.
798—McKisson, C. E.
528—McLain, M. M.
387—McLanahan, Austin
494—McLaughlin, D.
902—McLaughlin, Harry
118—McLean, E. B.
361a—McLean, H. L.
1290, 1293—McLeod, Geo. B.
1245 1246—McLimont, A. W.
1106—McLinn, Chas. S.
8—McLure, J. S.
8—McLure, R. V.
494—McMahan, C. L.
235—McMahon, J.
813—McMahon, J. A.
199—McMahon. J. T.
1022—McManus, Terence J.
274—McMath, Thos. B.
552—McMechan, W. E.
200, 201, 802, 1065, 1067, 1078—McMeen, Samuel G.
48—McMillan, J.
692, 707, 1121 — McMillin, Emerson
692—McMillin, M.
660—McMonagle, D. C.
1106—McMullan, Geo.
84—McMurray, T. S.
53—McMurry, E. T.
1175—McNamara, P.
1278—McNaught, W. K.
488—McNaughton, L. R.
1114—McNaughton, W. B.
53—McNear, Geo. P.
508—McNeely, H. G.
359—McNeely, J. W.
245—McNeil, Frank P.
1309—McNeil, H.
1305—McNeill, J. H.
658—McNelis, T.
320—McNider, C. H.
1283—McPhail, John A.
731—McPhee Joseph
471—McPherson, Alex. J.
67—McPherson, J. C.
646—McPhillips, Jas.
1250—McQuarrie, C. T.
773—McQueen, H. C.
1061—McQuillan, A. F.
1298—McRae, T. W. R.
1287—McRea, W. R.
501—McRedy, Alex.
278—McReynolds, T.C.
190—McRoberts, Samuel
509—McSweeney, Frank
724a—McSweeney, J. A.
741—McVittie, F.
936—McWhinney, Robt.
661, 672, 673, 674, 676, 681, 683, 689—McWhirter, J. S.
1074—McWhorter, A. D.
971—MacAdams, A. H.
791, 794—MacAlister, W. H.
42—MacBeth, Norman
1176—MacCalla, C. S.
1185—MacCorkle, W. A.
217—MacCulloch, J. P.
1183—MacDonald, R. R.
1183—MacDowell, Walter
668—MacKay, F. D.
427—MacKay, H. W.
1318—MacKay, J. M. L.
1284—MacKey, J. J.
622, 638, 754—MacLean, John
352—Mac Leod, Geo.
622, 646, 735, 754—MacMartin, James
1017—MacMillan, E. A.
216—MacNeill, C. T.
1312—MacNeill, D. G. C.
58—MacNutt, H.
52—MacPherson, A. W.
773—MacRae, Hugh
773—MacRae, R.
184, 185, 187—MacRae, T. B.
256—Maack, Albert
195, 209, 233, 398—Macaulay, T. B
1320, 1325—Macdonald, J. H.
690—Macfarlane, Lawrence
634—Mack, H. L.
1245, 1246—Mackenzie, J. S.
1245, 1285, 1287, 1289, 1297, 1318—Mackenzie, Sir Wm.
245—Mackie, A. D.
429—Mackintosh, G. E.
105—Mackrille, A.
52—Maclay, Thos.
165, 210, 215, 229, 230, 234, 235, 238, 344, 346, 1257, 1296—Macnutt, E. A.
375, 1048, 1082—Macomber, Geo. E.
1295—MacTier, A. D.
1141—Macutchen, W. B.
199—Macy, O. C.
1194—Madagan, John
484—Madigan, J. C.
322—Magdsick, F. W.

546—Magee, A. L.
826—Magee, Christopher, Jr.
154—Magee, J. L.
53—Maggard, E. H.
968—Magill, Geo. W.
143—Magraw, L. A.
535—Mahan, R. S.
675, 676, 689—Maher, Jr., Edward A.
1183—Maher, N. D.
67—Mahl, F. W.
402—Mahler, Edw.
718—Mahler, W. H.
646—Mahoney, John
274—Mahoney, John J.
40—Mahoney, J. J.
532—Mainland, John S.
532—Mainland, S.
532—Mainland, Wm.
1290, 1293—Maitland, N.
886—Maize, F. P.
887—Maize, H.
977—Maize, W. L.
206, 516—Major, Chas. C.
666—Mallen, W. H.
1249—Mallison, H. R.
643—Maloney, Francis G.
997—Malsberger, Geo. N.
655, 656—Maltby, Geo. E.
655, 656, 657—Maltby, Geo. L.
1181—Manaro, N.
162—Mandelbaum, M. J.
41—Maneely, A.
128, 714—Mange, John I.
9—Manker, C.
616—Manley, Harry J.
1149—Manly, M.
804—Manly, O. C.
183—Mann, A. C.
223—Mann, A. W.
1297, 1318—Mann, Sir Donald
220—Mann, Fred.
1197—Mann, Geo. T.
371—Mann, Preston
1151—Mann, Richard
1078—Manning, B. F.
1131—Manning, Geo. W.
95, 411, 439, 1173—Manson, D. E.
923—Manst, H. H.
1306—Manuel, Jas.
1106—Manztel, Henry
491, 508—Maranden, Ed.
69—March, S. H
559, 712, 998, 1042—Marchant, R. B.
1190—Marcum, J. O.
225, 309, 310—Marcussen, Martin
1333—Marimon, Jose
553—Maring, J. C.
183—Markham, C. H.
932, 933, 934—Markle, A.
934—Markle, Jr., A.
1182—Markle, Herbert
252—Markley, G. T.
903, 951—Markley, H. B.
31—Markley, J. C.
48—Marler, H. O.
99, 101, 102—Marlowe, R. M.
278—Marott, Geo. J.
914—Marsh, C. C.
1206—Marsh, C. M.
393—Marsh, F. E.
795—Marsh, F. J.
820—Marsh, H.
700—Marsh, J. B.
45—Marsh, J. E.
938—Marsh, Jas. I.
1206—Marsh, J. W.
45—Marsh, Robt.
1179—Marsh, T. F.
19, 27, 91, 550, 620—Marshall, A. R.
512—Marshall, E.
766—Marshall, E. C.
265—Marshall, Henry W.
1250—Marshall, Jas.
687, 975—Marshall, J. W.
607—Marshall, W.
629—Martin, A. K.
1097—Martin, Burr
987, 988—Martin, C. G.
605, 978—Martin, Carl N.
965a, 991—Martin, F. C.
939—Martin, Guy H.
568—Martin, Jas. A.
929—Martin, J. M.
1181—Martin, J. C.
43—Martin, John
865—Martin, Lawrance
233, 543—Martin, L. B.
840—Martin, Paul C.
512—Martin, R. G.
676, 689, 761—Martin, Shelton E.
1a—Martin, T. W.
233, 238—Martin, W. A.
835—Martin, W. A.
76—Martin, Wm. J.
124—Martzall, F. M.
511—Marvin, George M.
1245, 1246—Marwick, Mitchell & Co.
978—Maselo, Alphonse
869, 1182—Mason, C. N.
695—Mason, E. H.
825—Mason, F. B.
386—Mason, F. H.
1151—Mason, H. E.
1113—Mason, H. R.
26—Mason, R. B.
999—Mason, W. C.
1110—Massay, J. M.
534—Massey, Alex.
975—Massey, R. V.
1284—Massie, W. E.
1331—Masteller, M. L.
402—Masters, Wm.
997—Masterson, James
221a—Mathem, H. C.
738—Mather, A.
585, 721, 722, 723—Matheson, J. J.
489—Mathews, Harry
1178—Mathis, O. C.
104—Matson, C. T.
249—Matter, Phillip
937—Mattern, R. J.
714—Matthews, A. L.
80, 82—Matthews, F. C.
1279—Matthews, I. L.
521—Matthews, J. C.
427—Matthews, John H.
804—Matthews, Samuel
165, 170, 195, 215, 233, 234, 332, 338, 344, 346, 543, 566—Mattis, Geo. M.
137—Mauldin, O. M.
1273—Maund, W. H.
1187—Maurer, D. A.
105—Maurer, W. R.
737—Maury, M. F.
262—Maxwell, C. O.
245—Maxwell, E. L.
815—Maxwell, J. H.
145—Maxwell, R. L.
50—Maxwell, T. V.
1298—Maxwell, W. H.
266—Maxwell W. J.
1087—May, Albert
105, 450, 650, 686, 736, 758, 759—May, A. S.
624—May, Chas.
103, 450, 650, 736, 758, 759, 1133—May, I. A.
299—May, John
345—Mayer, F. C.
956—Mayer, Geo. H.
1041—Mayer, L. C.
639, 727—Mayer, Jos. B.
552—Mayfield, Geo.
267—Maygore, W. T.
314—Maynard, H. B.
212—Maynard, Jas.
1326—Meade, Jas. McKenzie
1115—Meadows, J. E.
625—Medberg, S. C.
1331—Medley, W. T.
1295—Meech, A. E.
154—Meeks, H. E.
1187—Meeks, T. E.
1145—Megginson, B. J.
303—Meiners, John C.
1174—Meiske, M. G.
1007, 1008—Meixell, J. C.
994—Mekeel, D. L.
82—Meldrim, W. H.
647—Mellus, H. A.
499—Mellen, Geo.
117—Mellen, Wm. A.
427, 575—Mellon, W. S.
108—Mellor, John
109—Mellor, J. M.
398—Mellor, J. M.
584a—Meloon, W. A.
115—Melton, J. E.
151—Menangh, Robt.
670—Menden, W. S.
136, 695—Mendes, A. de Sola
1316—Mendez, P. Mendez y.
1332—Menendez, Bonifacio
664, 665, 667, 670, 675—Meneely, C. D.
573—Menut, J. Gardner
510—Menz, C. J.
1090—Meriwether, R.
158, 159, 200, 201, 202—Merker, H. F.
285, 286—Merker, J. M.
207—Merrick, Geo. P.
812—Merrick, J. F.
88—Merriell, F. C.
46—Merrihew, A. B.
209—Merrill, E. H.
523—Merrill, J. T.
1071—Merrill, M. H.
674—Merritt, A. L.
864—Merritt, W. H.
1316—Merry, R. H.
116—Mersheimer, F. J.
1201—Messer, S. G.
750a—Messinger, R. S.
749—Metcalf, A. B.
623—Metcalf, Harold G.
1247a—Metcalf, Jasper
510—Metzdorf, P. J.
300—Meyer, A. J.
301—Meyer, C. Fred
283—Meyer, F. J. Lewis
1298—Meyer, G. J.
61—Meyer, J. Henry
61—Meyer & Co., J. Henry
991—Meyer, P. A.
588—Meyers, F. W. C.
1025, 1026, 1027—Meyers, E. F.
588—Meyers, W. H.
975—Meyers, W. Heyward
928—Michael, G. H.
928a—Michaels, C. W.
752—Michell, W. H.
33—Mickelberry, V. N.
1285, 1289—Middlebrook, J. H.
45—Middleton, R. D.
527—Middleton, W. G.
1259, 1260—Midgley, F. H.
341—Miers, M.
502—Miksche, Frank
1224—Milbrook, C.
200—Miles, Geo.
1082—Miley, Thomas F.
273, 274, 276—Milholland, W. F.
175—Mill, J. C.
766—Mill Power Supply Co.
663—Millar, E. F.
1015—Miller, A. Kent
662—Miller, A. L. J.
686—Miller, Chas.
804—Miller, Clark
905—Miller, C. P.
152—Miller, David
997—Miller, Elmer
1181—Miller, E. G.
655, 656, 657—Miller, Frank
99—Miller, Fred
816—Miller, Fred
51—Miller, F. A.
353, 354—Miller, F. H.
1325—Miller, F. J.
965a, 991—Miller, G. A.
878—Miller, H. J.
255—Miller, Hugh T.

835—Miller, H. W.
984—Miller, I. E.
727—Miller, I. W.
1225—Miller, J. G.
1092—Miller, J. H.
404—Miller, L. J.
686—Miller, Leverett S.
10—Miller, M. H.
175—Miller, O.
124—Miller, Peter M.
208—Miller, R.
781—Miller, R. D.
823—Miller, R. F.
875, 880—Miller, R. V.
636—Miller, V. A.
1187—Miller, Walton
538—Miller, Wm. A.
164—Miller, W. C.
328—Miller, W. G.
357—Millican, G. R.
338—Milligan, W. B.
489—Milliken, Earl L.
67—Millis, C. J.
1063—Mills, A. C.
1174—Mills, E. M.
1063—Mills, F. M.
1245, 1246—Mills, G. A.
52—Mills, John S.
493—Mills, Myron W.
1063—Mills, R. C.
42—Mills, W. M.
1082—Milton, Geo.
1138—Minard, W. O.
474—Minary, C. K.
354—Minary, T. H.
353, 354—Minary, T. J.
1052—Miner, D. P.
233—Miner, N. A.
240—Minnick, Chas.
1031—Minnick, W. L.
228, 228a—Minton, A. B.
1314—Miranda, Catarino
1256—Mitchel, L. W.
1280, 1297—Mitchell, A. J.
129—Mitchell, A. L.
911, 963, 986, 990, 995—Mitchell, C. S.
1237—Mitchell, D.
135—Mitchell, E. E.
51—Mitchell, H. A.
133, 134—Mitchell, I. S., Jr.
1a—Mitchell, Jas.
690—Mitchell, Jas.
819—Mitchell, John
510—Mitchell, J. R.
249—Mitchell, L. A.
530—Mitchell, L. B.
515—Mitchell, Oscar
1130—Mitchell, R. M.
395—Mitchell, R. V.
530—Mitchell, S. C.
18—Mitchell, Sam'l H.
374—Mitchell, Sidney
580—Mitchell, S. M.
699, 702a—Mitchell, S. Z.
1a—Mitchell, W. E.
977—Mitten, Thos. E.
791, 794—Mittendorf, Wm.
176, 184, 185, 187—Mock, C. M.
481—Mock, J. C.
1296—Moffatt, H. S. C.
1007, 1008—Moffat, James J.
128, 559, 714, 788, 998, 1042—Moffat, T. W.
116, 119—Moffett, J. T.
891—Mohn, W. D.
1226—Mohr, J. J.
612, 613—Mohr, Wm.
1287—Moir, J. H.
364—Moise, T. Garland
1055—Moisson, J. O.
931—Moist, D. B.
395—Moller, M. P.
1166—Molyneaux, T.
265—Mominee, L.
687, 975—Moncure, W. A.
724—Mondis, J.
969—Monks, Chas.
1116—Monroe, Walter N.
1213—Montaba, A.
1294—Montgomery, Dudley
1224—Montgomery, F. W.
1224—Montgomery, Hugh
278—Montgomery, I. H.
790—Montgomery, James
4—Montgomery, J. E.
1318—Montgomery, M. T.
855—Montgomery, Randall
1224—Montgomery, Warren
1062—Montmorency, F.
1311—Monzon, G.
1263—Moodie, J. R.
1141—Moody, L. C.
1046, 1327, 1334, 1335—Moody Engr'g Co.
411, 609—Mooney, Francis P.
1280—Mooney, P.
585—Moor, J. H.
213—Moore, A. C.
286—Moore, A. G.
134—Moore, A. M.
216—Moore, Chester G.
1187—Moore, E. B.
262, 351—Moore, E. L.
480, 799, 854—Moore, E. W.
839—Moore, F. J.
1145—Moore, F. W.
576—Moore, Geo. E.
1191—Moore, H. B.
1023—Moore, Harry L.
618—Moore, Henry D.
1130—Moore, Henry I.
157—Moore, J. C.
994—Moore, John L.
988—Moore, Jos. H.
73—Moore, N. D.
216—Moore, R. A.
1306—Moore, R. W.
604, 618—Moore, Wm. G.
1285, 1289—Moore, W. H.
58, 59—Moore, W. H.
105—Moore, W. H.
1297—Moore, W. S.
805—Moorhaus, A. C.
743—Moran, John G.
788—Moran, J. P.
1245, 1246—Moran, Anderson & Guy
244—Morand, Henri C.
1132—Morehouse, S. C.
994—Moreland, W. C.
1332—Morey, Antomi
1130—Morford, W. P.
494—Morgan, C. E.
760—Morgan, Godfrey
653, 654—Morgan, H. S.
783—Morgan, James
249, 274, 276—Morgan, Marshall S.
603, 982—Morgan, Randall
1026—Morgan, Robt. L.
1028a—Morgan, Sam'l L.
738—Morgan, W. O.
105—Moriarty, G. A.
1284—Morin, J. A.
1260—Morissey, J. J.
835a—Morley, Chas. R.
1268—Morley, F.
483—Morley, W. K.
114—Morrill, F.
552—Morris, D. C.
509—Morris, A. F.
14—Morris, G. M.
982—Morris, I. W.
390—Morris, J. E.
15—Morris, J. H.
233—Morris, J. H.
1309—Morris, J. W.
645, 652, 718, 720, 725, 746—Morris, L. V.
793—Morris, S. S.
177—Morris, Seymour
782, 783, 784—Morris, Wyn. B.
886—Morris, W. J.
1269—Morrison, D. M.
878—Morrison, Henry T.
365—Morrison, R.
1113—Morrison, R. W.
1326—Morrison, W. R.
32, 1113—Morrison & McCall
612—Morrissey, John M.
347—Morse, Frank
1245, 1246—Morse, F. M.
83, 86—Morse, O. P.
1182—Morse, R. C.
1331—Morson, G. A.
703, 715, 1220, 1227—Mortimer, Jas. D.
129—Morton, Edw.
129—Morton, Jr., Edw.
806—Morton, J.
218—Morton, Joy
1113—Morton, J. B.
1256, 1280—Morton, J. D.
167—Morton, L. W.
1258—Morton, M. E.
1143—Morton, W. M.
451—Morton, W. R.
1182—Moseley, Jr., J. B.
1092—Moser, A. C.
855—Moses, R.
1182—Mosle, A. H.
329—Moss, J. L.
363—Moss, Paul O.
105—Motsett, C. H.
961—Mott, C. B.
110—Mott, E. F.
1153—Mott, J. J.
298—Mottinger, B. T.
1114—Mottley, Mary K. (Mrs.)
295—Motto, J. O.
298—Motz, G. E.
895—Moulten, F.
1028—Mountz, C. S.
781—Mowry, F. L.
800—Moyer, C. C.
655, 657—Moynihan, C. J.
778—Mudgeth, Chas. F.
1163, 1164—Muffley, R. U.
1251—Muggah, J. W.
263—Muhlhausen, Gus
352—Muir, Wallace
739—Muirhead, A. S.
1127—Mulcahey, P. H.
1156—Mulford, F. W.
621—Mullaney, C. W.
766—Mullen, J. C.
512—Mullen, T.
710—Muller, Jr. J. F.
1227—Mullett, H. A.
1079—Mullins, J. B.
1050, 1052—Mumford, Chas. C.
226, 242—Munday, J.
33—Mundell, A. Y.
522—Mundell, J. J.
237—Munroe, Chas. A.
1116—Munroe, Walter N.
578—Munsey, Geo. P.
319—Munson, Chas.
1039—Munson, C. La Rue
302—Munson, John
403—Munster, August W.
277, 295—Munton, C. J.
1139—Murch, Geo. A.
291, 292—Murdock, Chas. M.
291, 292—Murdock, Sam'l T.
809—Murlin, O. H.
678—Murphy, B. S.
368—Murphy, C. B.
553—Murphy, C. F.
485—Murphy, C. O'B.
243—Murphy, C. P.
691—Murphy, Chas. B.
622, 754—Murphy, Ernest
229—Murphy, F. W.
689—Murphy, Geo. J.
836—Murphy, Geo. D
28—Murphy, J. A.
154—Murphy, John
401—Murphy, Jas. H.
455a, 462—Murphy, Jos. B.
222—Murphy, J. F.
671—Murphy, J. F.
175—Murphy, J. J.
653—Murphy, J. S.
194—Murphy, J. T.
178—Murphy, J. Z.
1281—Murphy, Lorne
385—Murphy, L. D.
1076—Murphy, P. J.
726—Murphy, Paul B.

1219—Murphy, W.
1308—Murray, D. M.
759—Murray, Frank
646—Murray, Geo.
757—Murray, J. H.
1006—Murray, J. H.
963, 990, 995—Murray, J. W.
338—Murray, R. S.
352—Murray, T. D.
1242—Murrin, W. G.
564—Musgrave, Wm.
153—Musgrove, C. H.
696, 697—Musil, Louis F.
1019—Musser, Boyd A.
931—Musser, Frank B.
563—Musser, Harvey
563—Musser, J. C.
276—Mutchner, Wm.
631, 632—Myers, A. R.
931—Myers, B. F.
474—Myers, C. C.
959—Myers, Elam H.
526—Myers, E. S.
798—Myers, F. E.
959—Myers, John H.
491, 492, 1211—Myers, L. E.
159, 200, 201, 202, 208—Myers, W. C.
876—Myers, W. L.
518—Myers, W. L.
55—Myrtle, F. S.
1126—Mytinger, J. C.

1329—Nagel, Ernest
686—Nagle, C. L.
739—Nallor, J. D.
1115—Nandell, C. H.
1245—Nanton, Sir Augustus
51—Naphtaly, S. L.
450—Nary, W. T.
1216—Nash, L. M.
293—Nash, Morris M.
183—Nau, O. F.
130—Nauman, F. D.
402—Neal, J. H.
1063, 1064—Neal, W. V.
1069—Neblett, Ella (Miss)
1129—Needham, R. B.
1239—Needham, Thos.
1183—Needles, A. C.
222—Neely, Geo.
531—Nees, G. A.
13—Nees, W. E
937—Neff, Frank L.
315—Negus, Jos.
1229—Nehrlich, A. H.
862—Neikirk, Wm. H.
67—Neill, Hugh
687, 975—Neilson, Lewis
200, 201, 202 — Neilson, Trevor C.
602, 603, 614—Neis, Frederick A.
338—Neligh, W. T.
648—Nellis, C. B.
648—Nellis, J. G.
1149—Nelms, J. C., Jr.
176—Nelson, A. G.
162—Nelson, C. J.
50—Nelson, C. L.
498—Nelson, H. S.
749—Nelson, J. C.
1128—Nelson, Joseph
1330—Nelson, R. E.
1159—Nelson, R. E. R.
1033, 1034—Nesbitt, Abram
159, 200, 201—Ness, T. H.
789—Nester, J. A.
1200—Neuemchwander, W. J.
1217—Neugent, J. P.
162—Nevans, H. A.
936—Nevin, L. Hugh
429—Nevin, Sherrie D.
881, 1181—Nevins, Geo. F.
273—New, Harry S.
999—Newall, J. K.
1069—Newberger, S.
975—Newbern, R. H.
500—Newcomb, L. H.
12—Newcomer, C. E.

1166, 1171, 1172a—Newell, Geo.
1028—Newhall, Thos.
265—Newhouse, Alex.
605, 978—Newlin, J. Elliott
33—Newlin, J. H.
621—Newman, J. E.
4—Newman, L. L.
1193—Newman, S. R.
1164—Newman, T. G.
370—Newsome, Bert
1062—Newton, A. L.
1268—Newton, C.
1120—Newton, C. A.
611—Newton, Dorr E.
1190—Newton, H. S.
781—Newton, R. A.
249, 289—Nicholl, H. A.
1285, 1287, 1289—Nicholls, Frederic
408, 419—Nichols, A. B.
359—Nichols, A. S.
19, 28, 91, 551, 620, 700—Nichols, C. H.
687—Nichols, H. S. P.
138—Nichols, J. T. G.
73—Nichols, W. E.
441, 442—Nicholson, E. F.
1149—Nicholson, F. L.
1138—Nicholson, F. S.
1176a—Nicholson, L. A.
240—Nicholson, P. B.
564, 565—Nicholson, W. G.
175—Nick, George
59—Nickerson, W. A.
1266—Nickle, H. C.
1266—Nickle, W. F.
724—Nicklis, E. E.
839—Nicoll, G. D.
258—Niehouse, G. G.
51—Niell, H. F.
159—Nielson, T. C.
1195—Nigh, C. E.
250—Nihan, Robt. E.
738—Nilan, J. A.
912a—Niles, C. A.
1140—Niles, J. P.
401—Niles, J. L.
985—Nimick, F. B.
311—Niver, E. W.
549—Niver, R.
49—Noack, C. H.
214—Noack, M. R.
402—Noble, H. G.
24—Noble, L. J.
727—Nobles, B. D.
176, 184, 185, 187—Noe, E. C.
1001—Nolan, E. C.
632—Nolan, R. T.
123—Nolan, R. V.
506—Nord, L. H.
978—Norden, Arthur
1222—Nordengren, Chas.
1175—Nordmark, John
266—Norford, H. V.
350—Norman, K. B.
750a—Norris, A. P.
932, 933—Norris, Benj.
124—Norris, W. N.
1269—Northcott, G. H.
668—Norton, A. E.
11—Norton, Chas. E.
1165—Nortz, A. G.
1165—Nortz, E. H.
249—Norviel, F. D.
377—Nottage, C. H.
468—Noyes, A. S.
1163, 1164—Noyes, Ed. L.
570—Noyes, N. G.
639—Nugent, J. W.
1336—Nunez, V. F.
816—Nusbaum, W.
618—Nye, E. T.

1266—Oakes, A. E.
1185—Oakes, L. H.
1011—O'Boyle, M. W.
1085—O'Brien, D. A.
266—O'Brien, H.
189, 323—O'Brien, J. J.
1168—O'Brien, J. P.
547—O'Brien, M.

368—O'Brien, Robert M.
402—O'Brien, R. S. B.
1089—O'Brien, W. J.
931—O'Connell, John
984—O'Connell, Thos. E.
1306—O'Connor, D.
1284—O'Connor, L.
452—O'Day, John
1087—O'Dea, Wm.
662—Odell, B. B., Jr.
662—Odell, B. Bryant
1082—Odell, H.
662—Odell, H. B.
975—O'Donnel, R. L.
1159—O'Donnell, M.
1276—O'Donnell, M. C.
1175—Oein, Chas.
53—Oellig, H. H.
1040—Oenslager, Jr., John
537—O'Flaherty, Fred.
1007, 1011—Ogden, F. W.
975—Ogden, Geo. D.
277—Ogden, M. J.
660—Ogelsby, W. M.
741—Ogilvie, A.
1331—Ogilvie, W. E.
33—Ogle, D. B.
1183—Ogle, T. B.
219—O'Hara, John D.
903—O'Hara, J.
245—O'Hara, Joseph
276—O'Laughlin, John
174—Oldenburg, Chas.
784—Oldman, Geo.
1330—Olds, A. R.
1215—Olds, F. H.
1134—Olds, Howard L.
228—Oliver, J. E.
554—Oliver, R. S.
467—Ollendorff, W. W.
180—Olsen, J.
655, 656—Olson, A.
232—Oltman, O. J.
678—O'Neale, J. S.
622—O'Neil, Hugh
392, 397—O'Neill, H. S.
750—Oot, Adam J.
821—Oppenheimer, Benton S.
834—Oppenheimer, I. L.
640, 642—Orcutt, G. N.
177, 178—Orde, M. B.
402—Ordway, A. A.
1130—Orem, F. M.
1130—Orem, W. C.
580—Orendorff, O. H.
1330—Orfila, F. Porro
941—Orms, Norris
1318—Ormsby, R. P.
1311—Ornelas, Col. R.
90—Orr, C. A.
1054—Orr, H. A.
1123—Orth, R. M.
391—Osbelt, A. S.
886—Osborne, C. P.
276—Osborne, J. W.
1131—Osborne, L. W.
1106—Osborne, M. B.
621—Osburn, Geo.
457—Osgood, H. L.
791, 794—Ostendorf, A. J.
189—Osthoff, Otto E.
265—Oswald, C. E.
1259—Oswald, H. C.
827—Oswald, Ray C.
1168—Oswin, R. B.
737—Ottey, Wm. R.
74—Otto, John
347—Otis, Frank
51—Ough, J.
386—Owen, Blaine
728, 755—Owens, R. W.
790—Ownley, T. S.
1335—Oxley, F. B.
1250, 1327—Oxley, Col., F. H.
401—Oxx, W. G.

480—Pack, Arthur
642—Packer, J. E.
1052—Paddock, A. E.
68—Paddock, P. C.
878—Page, Chas.

399, 399a, 438, 471, 658—Page, Henry C.
825—Page, W. B.
878—Page, W. E.
727—Page, W. K.
727—Page, W. R.
1229—Pagel, H. J.
330—Pagett, Earl
390—Paige, E. J.
258—Paine, G. P.
409—Paine, Robt. T., 2d
1175—Paine, Waldo G.
62—Palm, A.
668—Palmanteer, Chas.
745—Palmatier, F.
233, 533—Palmblade, R. F.
413—Palmer, Frank O.
1156—Palmer, H. Root
390—Palmer, Louis H.
278—Palmer, P. H.
500—Palmer, R. B.
623—Palmer, R. W.
65—Palmer, W. S.
283—Pantel, Fred
490—Papen, Fred
496—Paquette, West
105, 736—Paradise, T. F.
682—Pardee, D. W.
135, 559, 712, 714, 998, 1042—Pardee, J. H.
766—Pardee, John G.
221—Parisho, J. I.
303—Parisho, Jas.
183—Park, W. L.
125—Parke, E. L.
36—Parke, J. R.
589—Parker, A. M.
265—Parker, B. E.
425—Parker, C. D.
622, 638, 646, 735, 754—Parker, G. H.
866—Parker, Hattie
223—Parker, Phil.
1263—Parker, Wm.
766—Parker, W. C.
441—Parker, W. E.
699—Parkhurst, L. H.
596—Parmelee, H. H.
1079—Parmer, W. O.
1273—Parr, A. J.
305—Parr, C. H.
1077—Parrish, W. H., Jr.
1060—Parshall, H. A.
287—Parshall, V. V.
1024—Parshall, W. W.
159, 900, 201, 202, 203—Parsons, D. E.
14, 1057—Parsons, Henry
39—Parsons, Murray
640, 642—Parsons, R. S.
1214—Parsons, W. B.
14—Parsons, W. U.
867—Partridge, W. M.
983—Partridge Warren
402—Pasho, Herbert A.
1055—Passailaigue, T. W.
981a—Passmore, M. S.
688—Patchen, F. M.
388—Patenall, E. P.
530—Paterson, A. B.
388a—Paterson, John C.
40—Paterson, Thos. M.
583, 628—Pattee, J. B.
233, 328, 344, 346—Patten A. M.
176, 184, 185, 187—Patten, C. E.
344—Patten, H. W.
31—Patterson, A.
1108—Patterson, A. R.
685—Patterson, Dan'l W.
156—Patterson, E. B.
1027—Patterson, E. J.
627—Patterson, G. F.
277—Patterson, G. M.
217—Patterson, G. S.
687—Patterson, Geo. S.
877, 880—Patterson, J. C.
1238—Patterson, J. R.
178—Patterson, R. M.
32—Patterson, W. E.
735—Patterson, W. L.
514—Patterson, W. R.
251—Pattison, Geo. C.
880—Patton, D. W.
975—Patton, W. A.
334—Paugh, A. G.
20—Paull, H. B.
336—Paul, W. K.
1282—Paul. W. R.
561—Pawling, J. M.
1080—Paxton, Geo. L.
1280—Pay, A. N.
425—Payne, F. H.
308—Payne, Frank S.
6—Payne, M. D.
1129—Payne, O. R.
65—Payson, A. H.
179, 191—Payton, J. C.
1230—Peabody, D. B.
48—Peachey, F. E.
970—Peale, Rembrant
1299—Peaple, A. E.
988—Pearce, A. M.
943—Pearce. Robt.
205, 241, 371, 377, 379, 486—Pearson, C. A., Jr.
105, 684—Pearson, E. J.
602, 614, 982, 1055—Pearson, J. A.
1062—Pearson, O. E.
616—Peartree, Edw. J.
33—Peat, A. E.
961—Peaslee, Clarence L.
888—Peck, C. E.
108—Peck. D. C.
274, 276—Peck, E. B.
753, 1145—Peck, Edward F.
134—Peck, E. P.
303—Peck, G. E.
151—Peck, L. T.
78—Peck, Wm. C.
600—Peckham, H. O.
36—Pedler, E. K.
1257—Peeling, C. U.
1160—Peery, J. Edw.
162—Pegler, C. H.
679, 685—Pegram, Geo. H.
937—Peightal. R. M.
519—Pelaez, W. H.
429—Pellisier, Geo. E.
429,446—Pellissier, Louis D.
529—Peltier, Edwin
62—Peltier, Geo. W.
1156—Penick, J. M.
634—Penney, Thos.
745—Penoyer, B.
80, 82, 88—Penrose, Spencer
196—Peplow, W. C.
170, 233—Pepper, H. J.
664, 679, 685, 719—Pepperman, W. Leon
74—Percey, W. L.
11—Perdue, W. M.
1234—Perkins, B. F.
537a—Perkins, H. J.
108—Perkins, R. W.
827—Perkins, Riley
109—Perkins, Thos. C.
409, 489—Perkins, Thos. N.
217, 588, 597, 813, 840, 895, 979, 982a, 1009, 1146, 1158, 1190—Perkins, Walter W.
57, 58—Perrin, M. J.
157—Perrine, I. B.
157—Perrine, L. H.
161—Perrine, W. M.
423, 455a—Perry, F. M.
83, 86—Perry, S. M.
437—Persons, Chas. H.
398, 424, 437—Persons, Frederick A.
268—Persons, Niles
1139—Persons, T. A.
218—Peterkin, Dan'l
475, 476, 477, 478, 479, 480, 1290, 1293—Peters, A. E.
9—Peters, F. H.
1248—Peters, G. M. O.
822—Peters, H. B.
822—Peters, P. R.
645, 652, 716, 718, 720, 725, 746—Peters, Ralph
238—Peters, W. L.
105—Peterson, C. L.
1267—Peterson, C.
452—Peterson, E. G.
159, 201—Peterson, J. A.
218—Pettingill, C. R.
1246—Pettingell, G.
815—Pettinger, C. N.
338—Pettit, Jr., L. A.
1229—Petty, John
697—Petura, Frank J.
852—Peugeot, P. W.
2, 3, 4, 710, 1072—Pevear, J. S.
549—Pfenning, E. C.
1227—Pfister, Chas. F.
774—Pfohl, B. J.
996—Pharo, H. A.
937a, 999—Phelan, J. B.
606—Phelps, A. S.
441, 442—Phelps, I. W.
1218, 1225—Phenicle, C. R.
1279—Philip, F.
29—Phillips, P. T.
1267—Phillimore, W. R.
1109—Phillips, F. J.
1183—Phillips, E. T.
990—Phillips, F. R.
1110—Phillips, J. A.
557, 560—Phillips, J. C.
721, 722, 723—Phillips, J. E
268—Phillips, J. G.
786—Phillips, Jno. P.
396—Phillips, R. H.
1245—Phillips, Wilson
1084, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1111—Phinney, Marshall M.
1051—Phippen, Geo. B.
52—Pickard, S. H.
1243—Picken, F. D.
1283—Pickering, A. E.
757—Pickley, E. L.
442—Pierce, C. B.
425—Pierce, Fred'k E.
1106—Pierce, Geo. F.
703, 715—Pierce, Henry H.
578—Pierce, H. L.
578—Pierce, L. S.
300—Pierce, Ralph
335—Pierce, W. D.
152—Pierce, W. E.
1335—Piers, T. L. E.
43—Pierson, F. H.
1267—Piggott, Jno.
1302—Pigot, C. J.
1252—Pihl. Carl M.
887—Pike, A. J.
534—Pike, D. W.
88—Pike. E. I.
855—Pike, R. J.
630—Pilkington, R. A.
48—Pillsbury, Geo. E.
1314—Pimentel, Jacinto
1056—Pinckney, Lawrence
221—Pine, H.
1317—Pineda, M.
713—Pinkerton, C. S.
1227—Pinkley, R. H.
82—Pinnock. H. C.
1315—Pinson, Emile
1315—Pinson, Eugene
665—Piper, A. R.
17—Pirtle, E. R.
703—Piske, F. H.
749—Pitman, R. E. A.
682—Place, Ira A.
1010—Platt, F. J.
855—Platt, R. E.
167—Plattenburg, F. W.
167—Plattenburg, W. D.
1072—Pleming, C. J.
402—Plimpton, Arthur L.
1333—Plochet, Alberto
902—Plough, Geo. A.
1090—Plummer, Geo. I.
763—Plummer, H. W.
766—Plummer, P.
868—Plunkett, M.
390—Poats, J. H.
1269—Pocock, Phillip
792, 839—Pogue, J. M.
825—Pohlabeln, N.

408—Pollack, B. R.
1335—Pollard, Geo. S.
1156—Pollard, H.
526—Pollock, C. M.
785—Pomerene, F. E.
88—Pomeroy, C.
32—Ponder, H. L.
1315—Ponsolle, Paul
59—Pontius, D. W.
395, 1081—Pooler, M. A.
352—Pope, J. P.
1278—Pope, W. W.
207—Poppenhusen, C. H.
975—Porcher, Sam'l
605—Porter A. F.
668—Porter, Arthur
387—Porter, C. D.
188, 190—Porter, Gilbert E.
694, 1170—Porter, H. Hobart
238—Porter, H. J.
87—Porter, J. A.
548—Porter, John A.
322—Porter, J. H.
1100, 1101—Porter, J. T.
487—Porter, Joseph F.
1127—Porter, R. B.
90—Porter, W. C.
1332—Posada, Jose
1227—Post, Geo. G.
729—Post, Winifield
1052—Potter, A. E.
1052—Potter, A. T.
619—Potter, Chas. N.
151—Potter, G. A
402—Potter, H. B.
1100, 1101, 1102—Potter, H. S.
923—Potter, John E.
52—Potter, J. P.
316—Potter, P. E.
686—Potter, R. R.
475, 476, 477, 478, 480—Potter, Sylvester
238—Potter, W. P.
474—Pound, J. H.
928—Pounder, W. J.
535—Powell, J. W.
1284—Powell, M. J.
813—Powell, V. R.
1298—Powell, W. B.
1091—Power, J. Howard
1242—Power, W. D.
1130—Powers, A. D.
1336—Prados, Roger
309—Prater, W. W.
151—Pratt. Alex.
451, 1251—Pratt, A. Stuart
552—Pratt. E. J.
1140—Pratt, F. S.
1044, 1166, 1171, 1172, 1172a, 1178, 1179, 1251—Pratt, Fred'k S.
390—Pratt, Jas. R.
373—Pray, C. F.
402—Prendergast, Daniel L.
372—Prescott, C. H.
341—Prescott, Jno. A.
646—Preston, Edw. D.
347—Preston, H. M.
1080—Preston. Homer M.
1191—Preston. S. P
394—Price, D. D.
221a—Price, James T.
1194—Price, John E.
891—Price, L. H.
535—Price, Thos. L.
547—Priest, H. S.
590—Priest, W. T.
390—Priestley, Willis B.
168. 169—Prill. Max
168. 169—Prill, Max H.
195—Prior, O. F.
643, 691, 709—Pritchard, H. J.
1215—Pritchard, J. F.
1083—Pritchett, L. E.
413—Prizeo, Angelo
1074—Proctor, C. B.
1230—Propst, C. F.
1230—Propst. Litta
514—Protzeller, H. W.
1188—Proudfoot, A. C.
374a—Prue, Edw.
217, 588, 597, 813, 840, 895, 979, 1009, 1146, 1190—Pryor, Frank J., Jr.
75—Pryor, L. W.
363—Pujo, Arsene
1218—Pulliam, J. P.
886—Pumfrey, T.
103, 736, 759—Punderford, J. K.
781—Purcell, H. W.
1268—Purdom, T. H.
919—Purdy, A. C.
233—Purdy, A. H.
694—Purdy, J. H.
586, 587—Purinton, A. J
154—Purkhiser, C. D.
100, 110—Purrington, H. F.
421—Putnam, C. R.
457—Putnam, E. L.
863—Putnam, I. M.
869—Putnam, J. M.
899—Putnam, N. K.
131—Putney. F. F.
1027—Pyle, James E.
444—Quackenbush, F. P.
236, 242—Quackenbush, Geo. W.
679, 685—Quackenbush, Jas. L.
479—Quackenbush, W. M
747—Quay, R. R.
682—Quereau, C. H.
952—Quigley, J. I.
727—Quigley, J. P.
1173—Quinan, G. E.
1304—Quine, T.
1188—Quinn, C. H.
33—Quinn, E. A.
1302—Quinn, Peter
943—Raab, Henry J.
90—Raber, W. F.
809—Racer, J. D.
797—Radcliffe, Geo. L.
1288—Radford, W. J.
1029—Rader, L. E.
167—Rafferty, M. W.
497—Raiche, A. W.
1066—Raines, Wm.
1249—Rainie & Keator
461—Ralph, Arthur C.
489—Ralph. John, Jr.
127—Ralph, R. C.
105—Ralston, A. L.
997—Rambo, C. W.
980—Ramsbotham, E. H.
214—Ramsey, C. A.
328—Ramsey, H. H.
864—Ramsey, L. A.
721, 722, 723—Rand, R. L.
66—Randall, I. N.
853—Randall, Jas. R.
703, 715, 1227—Randall, Robt
115—Randle. A. E.
1156—Randlett, W. O.
1169—Ranft, H. C.
475, 476, 480—Rankin, F. E
960—Rankin, W. B.
175—Ranney, F. G.
1279—Rapsey, Geo. H.
1268—Rapson, E.
52—Rasmusen, W. A.
1232—Rasmussen, Nels
1231—Rasmussen, W. C.
524—Ratcliff, E. H.
817—Raterman, J. B.
1274—Rathbun, E. Walter
1237—Rausch, M. S.
563—Raver, Ed. M.
20—Rawlings, John B.
181—Rawson, C. W.
970—Ray, P. M.
913—Raymond, F. M.
364—Raymond, Harold
600, 601—Rea, Henry R.
684, 687, 975—Rea. Sam'l
401, 406—Read, H. H.
482—Reade, H. W.
1302—Reade, R. M.
694a, 701—Reast, W. J.
1194—Reay, C. N.
848—Rechberger, E. H.
238—Recksieck, L.
252, 253—Redd, Geo. A.
266—Redderson, Arthur W.
1090—Reddick, G. P.
134—Redding, S. A.
1052—Redfern, C. E.
969—Redfield, V. A.
978—Redwood, John
291, 292—Reed, C. G.
884—Reed, D. Curtis
1065. 1067—Reed, E. D.
817, 818, 895—Reed, E. O.
456—Reed, Frank L.
280—Reed. Frank M.
911, 963, 986, 990, 995—Reed, Jas. H.
995—Reed, J. H., Jr.
479—Reed. Jno.
302—Reed, John A.
866, 879, 1118—Reeder, A. H.
556—Reeder, E. O.
331—Reeder, Geo.
626—Reeland, H. F.
805—Rees, N. E.
1084—Reese, E. F.
1247a—Reeser. E. B.
221a—Reetz, Herman
897—Reeves, Jno. T.
875—Reeves, Walker
71, 72—Rego, H. J.
503, 505—Reichert, S. L.
275, 285, 286, 360 — Reid, Harry
1309—Reid, H. D.
1309—Reid, R. G.
1309—Reid, Sir W. D.
816—Reidel, Dan'l, Jr.
801—Reif, Julius A.
1002, 1003, 1004—Reigel, H. H.
791, 794—Reiley, B. F.
1134—Reilly, J. F.
1009—Reilly, P. T.
552—Reily, Geo. W.
634—Reinhardt, P. C.
1211—Reinhardt, W. S.
820—Reisinger, D. L.
884, 1175—Relf, H. K.
821—Rembold, C. H.
1102—Remick, Jos.
934—Remick, W. H.
368—Renaud, Wm. H., Jr.
84—Renick, H. E.
961—Renninger, Frank H.
53—Rennison, W. G.
496—Retallic, Chas.
931—Rexroth, A. F.
555—Reynard, E. C.
622, 638, 646, 754—Reynolds, A. E.
1316—Reynolds, A. E.
683—Reynolds, Beverly W.
48—Reynolds, D. M.
684—Reynolds, J. F.
402—Reynolds, Jno. J.
515—Reynolds, Ray W.
611—Reynolds, W. E.
655, 657—Reynolds, W. R.
62—Rhoades, A. E.
823—Rhoads, H. A.
616—Rhoda, H. M.
1220—Risch, J. C.
963, 990—Rice, Cecil G.
81—Rice, D. H.
516. 1216—Rice, Henry L.
863—Rice, J. J.
605—Rice, J. S.
1082—Rice, Jonas
838—Rice, R. F.
121—Rich, J. W.
1183—Richards, D. W.
444—Richards, E. M.
506a—Richards, Eben
384—Richards, F. M.
1269—Richards, J. E.
444—Richards, J. L.
1128—Richards, Joel
1090—Richards, L. W.
1168—Richards. N. C.
105—Richards, S. R.
851—Richards, Wm. E.
1243—Richardson, A. R.
212—Richardson, C. F.

1172—Richardson, G. A.
1966—Richardson, H. W.
1134—Richardson, W. H.
744—Richardson, W. J.
867, 873—Richart, E. J.
401—Richey, Albert S.
776—Richey, J. B.
266—Richhart, W.
450, 650, 1133—Richmond, C. Q.
724a—Richmond, Stacy C.
682—Richter, Edw.
686—Richtmeyer, F. H.
1001—Rick, Jas.
483—Rickard, B.
1330—Ricker, C. W.
325—Ricker, J. Henry
779—Riddle, C. Y.
687—Riddle, Chas.
353, 354—Riddle, Sam'l
835a—Riddle, W. E.
854—Rider, L. J.
235—Ridgway, A. C.
84—Ridgway, H. W.
369—Ries, R. E. L. C.
590, 591, 617, 909, 912, 958, 1035—Rigg, John A.
590, 617—Rigg, Walter A.
105—Riggs, E. G.
962—Righter, Thos. M.
1025, 1027—Ribl, C. L.
537—Riley, Thos.
799—Rimelspach, H.
1207—Rinke, G. R.
485, 521, 1214, 1229—Ripley, Willis J.
103, 450, 736, 759—Ripple, P. W.
718—Riseley, C. H.
611—Risley, R. P.
1144—Rison, J. F.
219—Risser, E. D.
904—Ritchey, W. L.
961—Ritchie, W. J.
118—Rittenour, R. W.
1063—Ritter, H. A.
925—Ritter, John
219—Ritzenthaler, G. B.
293—Roach, D. F.
159, 200, 201, 202—Roach, John A.
555—Roach, P. W.
1138—Roach, Thos.
408, 409—Robb, Russell
835—Robb, Sam
1168—Robbins, C. H.
537a—Robbins, Geo. B.
665—Robbins, H. A.
600—Robbins, H. C.
50—Robbins, J. C.
769—Roberson Wescott
1249, 1299, 1300—Robert, E. A.
1331—Roberts, Frank
888—Roberts, G. R. W.
790—Roberts, Jesse N.
1281—Roberts, John
393—Roberts, W. M., Jr.
518—Robertshaw, F. N.
223—Robertson, A.
352—Robertson, A. A.
503, 505, 510—Robertson, A. M.
1299—Robertson, D.
1057—Robertson, Edwin W.
490—Robertson, Geo. W.
83 86—Robertson, H. S.
769—Robertson, J. H.
870—Robertson, J. W.
1280—Robertson, W.
530—Robeson, C. M.
961—Robinson, A. C.
450—Robinson, A. M.
165—Robinson, C. H.
359, 406—Robinson, Dwight P.
710—Robinson, F. G.
574, 584—Robinson, H. C.
283—Robinson, J. C.
282—Robinson, M.
317—Robinson, P. I.
766—Robinson, S. A.
577—Robinson, T. Russell
521—Robinson, W. R.
791, 794—Robinson, Walter E.
782, 783, 784—Robison, L. A.
886—Robley, R. R.
841—Robson, Harry
1299—Robson, J. G.
547—Roche, Jas. J.
1151—Rock, E. L.
401—Rockwell, C. R.
1042—Rockwell, J. C.
343—Rockwood, Mary L.
343—Rockwood, W. F.
497—Rocque, Jos.
51—Rodebaugh, L. H.
48—Rodenhouse, H. E.
484—Roderick, T. C.
475, 476, 477, 478, 479, 480—Rodger, W. S.
975—Rodgers, J. G.
1149—Rodman, W. B.
1335—Rodriguez, Eduardo
665, 670—Roehl, C. E.
566—Roehry, E. A.
348—Roemer, Chas.
990—Rogan, Jno. A.
1161—Rogers, A. E.
552—Rogers, A. H.
454—Rogers, C. D.
777a—Rogers, C. H.
757—Rogers, G. Tracy
489—Rogers, H.
401—Rogers, H. B.
629, 757—Rogers, H. Tracy
1071—Rogers, H. W.
679, 685—Rogers, Richard Reid
628—Rogers, Wm.
1250—Rogers, Wm. B.
965a, 991—Rogers, W. M.
878—Rohde, W. E.
315, 316, 507—Rohret, J. H.
382—Rokes, I. H.
219—Rollins, E. E.
265—Rollins, James
800—Rolston, A. F.
283—Rolston, J. E.
282—Rolston, W. E.
396, 921, 922—Rood, J. T.
1291—Rooke, H.
869—Rooney, E. A.
1029—Roose, Gus
981a—Roosevelt, Nicholas G.
214—Root, E. L.
361—Rorsdale, J. C.
687, 975—Rose, Jno. C.
277—Rose, J. H.
724a—Rose R. V.
694a—Rose, F. C.
271—Rose, Theo. F.
1295—Rose, W.
90—Rosenauer, E. J.
888—Rosenbaum, A. S.
98—Rosenbaum, Wm.
494—Rosenberger, J. A.
569—Rosenthal, S. H.
602, 614—Rosevear, M. B.
1288—Roseveare, S.
868—Rosier, L. T.
619—Roslington, Geo.
679, 685—Ross, David W.
851—Ross, H. H.
15—Ross, I. W.
1292—Ross, Jas. A.
1252—Ross, J. C.
2, 3, 4—Ross, J. P.
498—Ross, John Q.
1248—Ross, L. R.
294—Ross, M. L.
1327, 1335—Ross, W. B.
1045—Ross, W. D.
1284—Ross, W. J.
880—Ross, Wm.
1257, 1302, 1303—Ross & Co., P. S.
682—Rossiter, E. L.
13—Roth, W. H.
516—Rothermel, S. M.
750—Roundey, E. P.
1178, 1179—Rounds, Geo. W.
840—Roush, C.
668—Rowe, F. W.
344—Rowell, E. H.
105—Rowland, W. H.
535—Rowland, E. T.
555—Rowley, H. W.
36—Rowray, J. B.
1244—Roy, J.
1288—Royce, Allan H.
359—Royce, Fred'k. P.
1288—Royce, Geo. C.
777a—Roycraft, Thos.
1028a—Ruckel, I.
975—Rudd, A. H.
339—Rude, W. L.
993—Rudel, F. Wm.
721, 722, 723—Rudisill, W. H.
257—Ruhl, Homer
1328—Ruiz, Leandro
475, 476, 477, 478, 479, 480—Rumney, Nathan
925—Rupp, W. F.
295—Ruse, C.
916—Rush, H. G.
370—Rushing, Gus. D.
11—Rushton, Ray
28—Russ, F. H.
630—Russ, F. S.
481—Russell, Henry
29—Russell, A. W.
19—Russell, Frank E.
38—Russell, Mitchell
327—Rust, T. E.
1213—Rutherford, E.
112, 113—Ryan, C. N.
278—Ryan, C. P.
1214—Ryan, A. T.
553, 558—Ryan, Jno. D.
226—Ryan, John J.
648—Ryan, Thos.
971—Ryan, Thos. J.
211—Ryan, T. E.
371—Ryder, E. C.
672, 673, 674, 676, 677, 681, 683, 689, 761—Ryder, E. M. T.
1015—Ryder, G.
422—Ryder, Jas. E.
454—Ryder, R. Leslie
352—Rye, L. F.

937a—St. Clair, John G.
1213—St. John, John
52—St. Pierre, Geo. W.
851—Sasthoff, Geo.
1328—Sabater, G.
676, 689, 761—Sage, Alfred D.
1311—Salcido, G.
253—Sale, Jas. W.
1131—Salisbury, O. J.
517, 518—Salsbury, L. K.
109, 515, 535, 582—Saltonstall, P. L.
425—Saltonstall, R. M.
831—Saltz, John H.
361a, 361b—Salvant, R. M.
165—Salzman, A. C.
212, 223, 1174—Sampsell, Marshall E.
1163—Samson, Roy
962—Samuel, E. W
547—Samuel, Jas. W.
685—Samuelson, Frank
471—Sanborn, C. H.
1052—Sanborn, H. W.
1170a—Sander, Fred. E.
1071—Sanders, G. C.
791, 794—Sanders, H. L.
19, 27, 28, 91, 550, 551, 620, 700, 735, 1161—Sanderson, E. N.
494—Sanderson, H. D.
657a—Sanderson, M. M.
246—Sandiford, A.
411, 576, 1137—Sands, H. T.
984—Sanford, Howard W.
103, 450, 736, 759, 1052—Sanford, J. H.
1132—Sanford, W. J.
1216—Sanger, R.
1330—San Miguel, Antonio

1315—Sanso, Antonio
411—Sargent, Frank C.
606, 920—Sargent, S. H.
400, 421—Sargent, W. W.
728, 750, 755—Sargis, M. J.
1313—Sarinena, Frederico
509—Sartell, R. E.
341—Satterlee, Wm. A.
1145—Sauerwein, M. C.
1168—Saul, G. W.
1086, 1087—Saunders, W. E.
645, 652, 718, 720, 725, 746—Savage, J. R.
773—Savage, W. B.
1242—Saville, W.
1327—Savony, John C.
124, 125, 127, 130, 138, 139, 147, 317, 318, 359, 362, 451, 489, 1044, 1084, 1100, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1111, 1166, 1171, 1172, 1172a, 1178, 1179, 1215—Sawyer, Henry B.
724a—Saxe, C. M.
457—Sayles, S. H.
444—Scamman, W. S.
129—Scanlon, J. D.
185—Schaaf, E. F.
1324—Schaap, M.
301, 311, 320, 483, 487—Schaddelee, R.
295—Schade, J. C.
203—Schaefer, M. W.
891—Schaeffer, Geo. B.
905—Schaff, J. G.
971—Schaffer, O. D.
276—Schaid, H. L.
1174—Schaller, K. A.
974, 1032—Schamberg, Meyer
531—Schantl, Hans
849—Scheer, Chas.
849—Schenck, D. D.
849—Schenck, L. R.
1315—Schiaffino, M.
1187—Schimmel, W. H.
634—Schlant, E.
276—Schlesinger, Adolph
1178, 1179—Schluss, K. C.
1190—Schmidlapp, J. F.
251—Schmidt, C. F.
312, 313—Schmidt, Emil G.
266—Schmidt, F. H.
813—Schmittauer, A.
21—Schmutz, F. J.
798—Schneider, E. F.
918—Schoch, J. W.
270—Schoch, M. E.
29—Schoggen, Elmer
1310—Schoendube, Enrique
791, 794, 889—Schoepf, W. Kelsey
510—Schofield, E. H.
743—Schofield, Geo. F.
622, 638, 646, 735, 754—Schofield, W. B.
1291—Scholfield, H. C.
630—Schomber, H.
881—Schoolfield, H. H.
212—Schrader, Ross
602, 614—Schreiber, Martin
599—Schrider, Geo. B.
1314—Schroeder, Geo.
553—Schuch, J. H.
6—Schuler, E. T.
6—Schuler, G. H.
662—Schulmeyer, Edward
609, 601—Schultz, O. G.
888—Schultz, P.
291—Schulz, Wm. L.
315, 316, 507—Schulze, J. O
121—Schum, Daniel
391—Schumacher, Carson
514—Schutt, E. M.
306—Schuyler, A. L.
309—Schuyler, W. D.
804—Schwab, E. C.
933—Schwartz, Wm.
936—Schweinberg, J. C.
791—Schweitzer, J. J.
283—Schwendener, H. G.
39—Schwerin, R. P.
756—Schwerzmann, L.
993—Schwerdt, S. F.
636—Scobell, E. C.
510—Scofield, E. H.
807—Scofield, Ira
335—Scothorn, W. A.
235—Scott, A. M.
519—Scott, E. J.
499, 1298—Scott, Frank
1247a—Scott, Geo.
520, 697—Scott, H. H.
953—Scott, Jacob
1208—Scott, John
526—Scott, J. D.
993—Scott, Robert
884, 1175—Scott, R. E.
1080—Scott, T. P.
1140—Scott, Wm.
576—Scott, Walter A.
65—Scott, W. R.
1283—Scott, W. T.
1127—Scowcroft, Joseph
1114—Scroggins, W. M.
797—Scullin, Terrance
878—Seacord, T. A.
79—Seager, John
703, 715, 1220—Sealy, Robt.
645, 652, 713, 720, 725, 746—Seaman, Alvah
611—Seaman, Lloyd
886—Searing, E. D.
636—Searle, Robt. M.
175—Sears, E.
404—Sears, F. B.
1178—Sears, G. C.
150—Sears, H. S.
402—Sears, Russell A.
354—Seaton, C. O.
154—Sebree, Howard
154—Sebree, W. R.
1224—Security Audit Co.
987, 988—Seddon, P. E.
678—See, P. V.
208—Sealey, P. T.
184, 185, 187—Seely, G. T.
969—Seep, Jos.
1031—Sefton, R. D.
23—Seidel, H. I.
1001—Seidel, Jacob F.
1290—Seixas, E. F.
117—Seldon, Chas., Jr.
972, 977—Selfridge, R. B.
646—Selleck, A. J.
1060—Sellers, J. P.
237—Sells, A. E.
509—Selmer, E. T.
451—Semple, Geo.
1222—Semsch, R. J.
25—Sengel, George, Jr.
402—Senter, Arthur W.
977—Senter, R. T.
578—Serad, E.
719—Serena, S. H.
402—Sergeant, C. S.
1333—Serra, Daniel
985—Severance, F. W.
985—Severance, S.
680—Severn, S. B.
401—Sewall, C. L.
1107, 1111—Sewell, H. B.
1046—Sewell, O. M.
786—Sexauer, F. K.
609—Sexton, Chas. F.
298—Shackell, Chas.
831—Shafer, Jas. W.
789—Shaffer, Stanley
984—Shaffer, V. N.
684, 687, 975—Shand, A. C.
997—Shaner, Ralph
1031—Shank, Jay F.
887, 753, 1145—Shannahan, J. N.
895—Shannon L. T.
1101—Shannon, N. E.
957—Shannon, S. W.
588—Sharp, A. M.
805—Sharp, E. R.
979, 521—Sharp, J. Ross
930—Sharp, W. C.
61, 562—Sharp, W. E.
1296, 1301, 1305—Sharp Milne & Co.
1251—Sharpe, James
362—Sharpless, H. R.
867, 873—Shartel, Jno. W.
442—Shaughnessey, J.
1127—Shaver, G. W.
1213—Shaver, Harry
1190—Shaver, M. B.
450—Shaw, Alex.
1299—Shaw, A. E.
1135—Shaw, Bert
1042—Shaw, D. M.
514—Shaw, Daniel
806—Shaw, G. G.
854—Shaw, J. H.
562, 563—Shaw, O. J.
83, 86—Shaw, S. G.
948—Shaw, T. N.
975—Sheaffer, C. M.
1281—Shearing, Thos.
990—Shedd, J. S.
1162—Shedd, H. E.
337—Sheehan, Jno. M.
943—Sheehan, Lewis R.
422—Sheehan, Wm. J.
467—Sheehan, W. J.
749—Sheehan, W. H.
314—Sheffield, C. L.
927—Sheldon, B. H.
429—Sheldon, C. L.
639—Sheldon, F. B.
703, 715, 1227—Sheldon Geo. R.
52—Sheldon, G. E.
634—Sheldon, J. C.
1031—Sheldon, Wm.
248—Shelton, T. W.
501—Shell, E. W.
572—Shepard, F. J.
994—Shepherd, A. B.
886—Shepherd, R. W.
1028a—Sheridan, R. B.
108—Sherman, A. E.
79—Sherman, E. E.
305—Sherman, E. M.
625—Sherman, Fred.
494—Sherman, H. K.
18—Sherman, M. H.
18—Sherman, R. P.
817—Sherman, Wm. J.
604—Sherrerd, Wm. D.
680—Sherwood, E. C.
715—Sherwood, Ferdinand
497—Schickel, J. B.
1208—Shields, R. B.
981a—Schields, R. C.
1072—Shields, W. S.
127—Shine, C. L.
1176—Shinkle, V. G.
529—Shinn, J. O.
587a—Shirk, C. C.
1267a—Shirk, Geo. M.
747—Shirley, W. A.
1205, 1206, 1208, 1209—Shirley, W. A.
951—Shissler, Edw. A.
916—Shmidheiser, Godfrey
114—Shockey, G. W.
240—Shockley, C. C.
1077—Shockley, E. C.
34—Shoemaker, R. W.
122—Sholtz, David
122—Sholtz, Michael
679, 685, 702—Shonts, Theo. P.
608—Shorrock, H. M
1170a—Shorrock & Co., E. G.
569—Short, J. M.
71, 72—Shoup, E. G.
39, 41, 48, 71, 72, 77—Shoup Paul
216—Shrader, F. K.
388—Shriver, Geo. M.
392, 397—Shriver, J. Alexis
1193—Shriver, Lee R.
249—Shroyer, W.
1031—Shryock, A. V.
957—Shryock, E. O.
1317—Shutt, J.
483—Sibert, C. A.
559—Sibley, A. B
916—Sickler, A. H.
597—Siebenheller, W. H.
665, 667—Siebert, Wm.

166—Siebold, W. C.
1332—Sigarroa, J. Gonzales
774—Sigg, J. J.
330, 347, 1029, 1030—Siggins, D. H.
330, 1029—Siggins, H. A.
295—Sigler, Chas.
1313—Signoret, Leon
678—Sillick, F. H.
371, 377, 379, 494—Silliman, Frank, Jr.
1335—Silver, H. R.
329—Silverman, Isaac
586, 587, 972, 976—Silverman, Isaac H.
950—Silvis, J. H.
240—Simcox, C. R.
607—Simmerman, Wm.
253—Simmons, Abram
312—Simmons, C. E.
133. 134—Simmons, S. E.
124—Simmons, W. B.
525—Simms, A.
114—Simms, R. D.
1188—Simon, Chas.
314—Simonds, O. H.
656—Simonds, R. G.
213—Simons, J. W.
874—Simons, M. M.
862—Simons, N. J.
1238—Simons, W.
1192—Simpson, C. M.
1326—Simpson, C. Y.
519—Simpson, J. C.
937—Simpson, J. R.
7—Simpson, T. J.
73—Sims, J. M.
121—Sinclair, C. A.
119—Sinclair, L. E.
1267b—Sinclair, W. G.
1160—Sisk. Thos. F.
770, 1156—Sitterding, Fritz
1244—Skead, W. B.
773—Skelding, A. B.
43—Skewes, C. C.
639—Skinner, Mr.
805—Skinner, C.
338—Skinner, J. T.
109—Skinner, Thomas L.
884—Skinner, W. D.
271—Skipton, Geo. W.
639—Skirving, H R.
747—Skuse, C. D.
179—Slade, A.
633—Slade, Fred.
1052—Slade, W. C.
1103, 1104—Slater, H. H.
921—Slater, N. C.
167—Slater, John
290—Slatten. Jas. E.
249—Slick, Elmer E.
727—Sloan, A. C.
76—Sloan, J. R
265—Sloats George E.
785—Slocumb, L. H.
36—Sloss, Leon
36—Sloss, Louis
312—Sloss, L. L.
877—Small, A. A.
877—Small, A. B.
401—Small, A. K.
48—Small, Fred F.
877—Small, G. B.
301—Small, J. W.
474—Small, Oren A.
147—Small, T. L.
1270—Smallman, T. H.
133, 134—Smaw, W. H.
456—Smead, G. W.
655—Smedberg, John
491—Smeeth, Chas.
1071—Smith, Amzi
105—Smith, A. B.
1131—Smith, A. D.
29—Smith, A. E.
699, 702a—Smith. A. E.
606, 893, 920—Smith, A. F.
314—Smith, A. H.
481—Smith, A. H.
683—Smith, A. H.
58—Smith, A. H. A.
18—Smith, A. I.
147—Smith, A. L. P.
1285, 1289—Smith, A. M.
530—Smith, B. M.
815—Smith, C. A.
134—Smith, C. A.
404—Smith, C. B.
855—Smith, C. D.
682—Smith, C. F.
816—Smith, C. F.
1233—Smith, C. F.
494—Smith, C. H.
622—Smith, Chas. H.
443—Smith, Chas. Whipple
536—Smith, Chester C.
206, 516, 1218, 1225—Smith, Clement C.
379—Smith, D. B.
819—Smith, E.
547—Smith, E. D.
1031—Smith, E. M.
130, 139—Smith, E. T.
796—Smith, Frank
1050—Smith, Franklin A., Jr.
198, 208—Smith, F. M.
568—Smith, F. W.
1139—Smith, Fuller C.
1056—Smith G. H.
536—Smith, G. J.
327—Smith, Geo. A.
598—Smith, Geo. G.
136—Smith, Geo. H.
240—Smith, Geo. H.
896, 921, 922—Smith, G. K.
941—Smith, G. Nelson
1121—Smith, G.W.
1299—Smith, H. E.
1156—Smith, H. L.
645, 652, 718, 720, 735, 746—Smith, H. M.
1117, 1118—Smith, H. M.
88—Smith, H. P.
902—Smith, Isaac B.
1185—Smith, I. N.
1287—Smith, Jas. G.
402—Smith, Jas.
402—Smith, John A.
594—Smith, John M.
582—Smith, J. Brodie
1301, 1305—Smith, Julian C.
297—Smith, J. E.
927—Smith, J. M.
1285, 1289—Smith, J. M.
822—Smith, J. R.
627—Smith, J. T.
73—Smith, J. W.
1028a—Smith, K. M.
305—Smith, L. J.
451—Smith, M. C.
482—Smith, M. N.
1051—Smith, Nathaniel W.
971—Smith, Noah
1249—Smith, O. E.
744—Smith, Paul
371—Smith, Phifer
744—Smith, Phelps
686—Smith, P. W. J.
621—Smith, R. A. C.
228a—Smith, R. D.
588—Smith, R. Harold
1229—Smith, Raymond H.
395—Smith, R. Paul
274, 276—Smith, R. R.
366—Smith, Robt. A.
1191—Smith, S. B.
679—Smith, S. D.
1002, 1003, 1004—Smith, S. E.
330, 1030—Smith. Sam Q.
240—Smith. S. R.
429—Smith, Thos.
564, 565—Smith. W. A.
403—Smith, W.C.
48—Smith, W. F.
83. 86—Smith. W. G.
52—Smith, W. H.
510—Smith, W. J.
1023—Smith, Wm. J.
808—Smith. Wm. L.
342—Smither, H. C.
342—Smither, W. E.
166—Smothers, O.
345—Smyth, Chas. H.
341—Smythe, C. D.
1151—Snead, S. C.
846—Sneath, L. S.
846—Sneath, S. B., 2d
55—Sneider, G. C.
240—Snell, A. G.
1178, 1179—Snider, Geo. O.
1170—Snider, J. R.
341—Snider, O. C.
554a—Snidow, T. A.
1200—Snodgrass, Jno.
739—Snow, H.
309—Snow, T. E. H.
1307—Snowball, J. E.
594—Snyder, Clarence
233—Snyder, D. W.
165—Snyder, D.W., Jr.
912a—Snyder, Geo. F.
803—Snyder, Harry A.
502—Snyder, H. C.
268—Snyder, H. J.
935—Snyder, John E.
1141—Soden, A. H.
1171, 1172, 1178, 1179—Somers, W. H.
362—Sommer, A. E.
359—Sonntag, M. S.
259—Sonntag, W. L.
1249—Soper, W. S.
1276, 1277—Soper, Warren Y.
506—Sortor, A. L.
1056—Sottile, James
233—Soules, E. E.
729—Southard, Jr., Frank
627—Southard, W. H.
1169—Souther, Jno. F.
1246—Southerland, Hugh
156—Southmayd, J. B.
435—Southwick, W. H.
384—Southworth, Constant
190—Spaid, W. W.
474—Spalding, Geo. J.
371—Sparks, H. T.
401—Sparks, Ralph, M.
197, 240—Sparks, W. C
114—Sparshott, A. H.
415—Spaulding, G.
362—Spaulding, J. A.
501—Speer, C. H.
1—Speer, W. R.
206—Speed, Chas. F.
33—Speed, D. M.
141—Speir, Paul
585—Spellman, Jno. N.
1057—Spence, J. W.
62—Spencer, C. E
334—Spencer, C. B.
137—Spencer, F. G.
769—Spencer, George
553—Spengler, C. H.
65—Sperbeck, W. F.
439—Sperry, J. A.
836—Spicer, H. V.
686—Spidell, Geo. M., Jr.
497—Spies, Frank A.
757—Spillane, D. J.
402—Spillane, M. P.
276—Spillman, O. P.
308—Spindler. J. J.
1269—Spittal, Wm.
265—Splittorff, C. H.
135—Spofford, R. W.
900—Sponsler, E. R.
1045—Spoor, T. A.
789—Sprague, A. J.
809—Sprague, Finney
371—Sprague, Phillip A.
360—Spragle, T. J.
999—Sprankle, Chas.
57, 58, 59—Spreckels, Claus
57, 58, 59—Spreckles, John D.
892, 893—Spring, E. C.
1163. 1164—Springer, G. E.
885—Sprinkle, J. L.
885—Sprinkle, C. E.
622, 646, 735, 754—Sprong, J. White
982a. 1006, 1012, 1190—Sproul, Wm. C.
67—Sproule, William
990a—Sprung. Aug.
890—Squier, S. L.
883—Stacer, J. L.

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482—Stack, J. K.
808—Stafford, Harry E.
907—Stamm, Wm. H.
797—Stanley, Chas. H.
743—Stanley, Geo. A.
797—Stanley, J. J.
1097—Stanley, J. J.
8—Stanley, W. M.
912a—Stansbury, Paul S.
1149—Stanton, C. E.
639—Stanton, C. S.
750a—Stanton, H. C.
1207—Stanton, Peter
10—Stapleton, W. D.
108—Staplin, R. G.
1210—Stark, John W.
93, 102, 107—Stark, M. E.
799—Starkey, J. F.
69, 596a, 711, 995a—Starring, Mason B.
258—State, J. H.
455a—Statham, R. L.
390—Staub, J. T.
390—Staub, Wm. H.
1031—Stauffer, C. C.
1185—Staunton F. M.
218—Stearns, E. H.
1163—Stearns, L. E.
401—Stearns, R. B.
543—Stearns, T. W.
880—Stebbins, G. C.
712—Steel, S. B.
61—Steel, Jno. R.
1176—Steele, A. F. S.
222—Steele, A. W.
916—Steele, Wm.
1041—Stees, M. G.
541—Steffens, Fred
878—Steffens, T. H.
1079—Steger, W. E.
363—Stein, T.
966—Stein, Calvin
162—Steiner, S. J.
695—Steinhardt, Samuel C.
1330—Steinhart, Frank
868—Stephens, B. R.
46—Stephens, E. L.
1150—Stephens, J. C.
116, 119, 121—Stephens, J. H.
801, 808—Stephens, L. P.
42—Stephens, T. I.
536—Stephens, W. W.
737—Stephenson, Geo. H.
62—Stern, E. L.
586—Stern & Silverman
898—Sterner, Geo.
801—Sterrett, O. V.
1201—Stetson, T. V.
1271—Stevens, Calvin
791, 792, 794, 839—Stevens, Dana
508—Stevens, F. H.
402—Stevens, F. W.
1169—Stevens, Hazard
506—Stevens, H. H.
421—Stevens, J. W.
887—Stevens. K. B.
855, 859, 861—Stevens, R. P.
1269—Stevenson, H. A.
16—Stevenson. L. M.
402—Steward, H. M.
105—Stewart, C. J.
308—Stewart, Chas. T.
975—Stewart, D. C.
802—Stewart, E. K.
88—Stewart, J.
859—Stewart Jr., J. B.
501—Stewart, J. H.
995—Stewart, Sam'l B.
1145—Stewart, W.
519—Stewart, W. T.
1145—Stierly, A. E.
937a—Stiffler, Orin
536—Stigall, E. E.
806—Stiles, G. A.
723—Stillwell, A. M.
732—Stillwell, B. W.
732—Stillwell, C. J.
519—Stillwell, P. A.
389—Stimson. Earl
395—Stine, G. E
682—Stineman, J. C.
368—Stites, E. C.
479, 1006, 1012—Stivers, S. C.
9—Stockman, W. C.
401—Stocks, C. W.
687—Stockton, E. A.
649, 717—Stoddard, John M.
390—Stoll, J. A.
352—Stoll, J. Will
404, 405—Stone, A. E.
639—Stone, C. L.
408, 409—Stone, Chas. A.
90—Stone, E. F.
586, 587, 607—Stone, Irvin L.
376—Stone, R. H.
154—Stone, W. A.
437—Stone, W. L.
124, 125, 127, 130, 138, 139, 147, 317, 318, 359, 362, 408, 409, 451, 489, 1044, 1064, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1111, 1112, 1166, 1171, 1172, 1172a, 1178, 1179, 1251—Stone & Webster
1252—Stoneman, D. B.
290—Storen, Mark
1055—Stork, I. S.
229—Storms, Morris W.
409—Storrow, Jas. J.
1018—Storrs, A. H.
387—Storrs, G. S.
103, 106, 450, 650, 736, 759, 1183—Storrs, L. S.
68—Stott, J. H.
726—Stoughton, F. A.
398, 424, 437—Stoughton, R. M.
1335—Stoute, Clemente
362—Stover. I. Maxwell
146—Strachan, F. D. M.
537—Strang, W. B.
492—Strangberg, Robert
246—Strasser, J. M.
285, 286—Strattan, J. F.
118—Stratton, A. K.
732—Stratton, F. A.
108—Stratton. M. G.
729, 732, 733—Stratton, Wilder L.
599—Straub, J.
510—Strause, D. J.
1128—Strauss. H. A.
580—Straw, W. Parker
1039—Strawbridge, J. W.
943—Strayer, A. J.
245—Streckfuss, George
1156—Stribling, J. H.
1090, 1097—Strickland, J. F.
1029, 1030—Strohm, A.
741—Strong, E. E.
768—Stroud, W. E.
510—Strouse, D. J.
62—Strout, A. L.
867, 873—Struble, Geo. W.
322—Stryker, C. M.
377, 379—Stuart, E. M.
147—Stuart, W. G.
390—Stubbs, N. E.
352—Stuck, W. G.
1224—Stumpf, M.
1185—Sturgeon, J. W.
619—Sturges, Lloyd
666—Sturges. W. L.
1062—Sturgis, C. I.
245—Sturtevant, E. L.
584a—Sturtevant, R. W.
1084—Sturtevant, W. I.
315, 316, 507—Sueppel, F. N.
490—Sullivan. Arthur G.
817, 818, 825—Sullivan, C. O.
671—Sullivan, D. W.
490—Sullivan, E. S.
490—Sullivan, F. D.
457—Sullivan, H. J.
444—Sullivan, Jas. W.
658—Sullivan. M. J.
401, 406—Sullivan, P. F.
855—Sullivan. R. T.
579—Sullivan, Roger G.
402—Sullivan, Thos. F.
886—Sullivan. T. W.
370—Sullivan, W. A.
1234—Sullivan, Wm. R.
694—Sullivan & Cromwell
760—Sumers, C. E.
1197—Summers, O. B.
347—Summermier, W. H.
699, 763, 771, 1131, 1336—Summerson, E. P.
792, 839—Sundmaker, J. H.
998—Supplee, W. P.
925—Suter, S. H.
51—Sutherland, H. J.
225, 309, 310—Sutherland John
761—Sutherland, Leslie
621—Sutro, Richard
66—Sutton. John G.
771—Sutton, L. V.
1149—Sutton, W. L.
125—Swain, Arnold
729, 732, 733—Swain, H. D.
981a—Swain, Jr., J. W.
14—Swain, O. F.
1061—Swaih, W. D.
531—Swan, C. M.
363—Swann, L. A.
999—Swann, C. H.
98—Swanson, Eric
1149—Swartwout, R. H.
473, 852—Swartz, A.
802—Swartz, Carrie A.
532—Swartz. Peter
377, 379—Sweeney, Alfred
1017—Sweeney, H. E.
779—Sweeney, Jas.
255—Sweeney, Linnie Irwin
694a, 701, 848—Swenson, O. Clement
1080—Swenson, W. G.
385—Swett, H. L.
1042—Swift, C. M.
1166, 1171—Swift, E. M.
438—Swift, E. R.
997—Swinehart, Harry F.
825—Swinehart, H. V.
1168—Swing, Joe
1078—Swint, Geo. W.
834—Swisher, H.
708—Sykes, F. G.
1244—Sykes, G. F.
894—Sykes, Geo. G.
361—Sylvester, Ira W.
786—Symmes, L. M.
100—Symonds, C. S.
688—Syndstrup, A.

868—Tabler, B. E.
794—Taft, Chas. P.
398, 424, 437—Taggart, John A.
267—Taggart, Thos.
267—Taggart, T. D.
662—Taggart, W. G.
1270—Tait, Leonard
881, 1181—Talbot, Guy W.
988—Talbot, H. L.
698, 1207—Taliaferro, A. P.
174, 182—Talmadge, O. G.
529—Taudy, Jack
16—Tarlsvick, Jno.
1330—Tassie, R. W.
618—Tatem, J. Fithian
718, 975—Tatnall, Henry
126—Tatum, B. B.
126—Tatum, J. H.
126—Tatum, J. R.
798—Tatum, M. A.
126—Tatum, S. M.
1156—Taurman, A.
1028a—Taylor, A.
501—Taylor, Alex.
1025, 1027—Taylor, A. Merritt
536—Taylor, Clyde
795, 796—Taylor. C. A.
832, 833—Taylor, C. G.
333—Taylor, D. T.
765, 766—Taylor. E. F.
62 67—Taylor, F. W.
977—Taylor, Geo. B.
653—Taylor. G. E.
1156—Taylor, Geo. H.
787—Taylor, Geo.

94—Taylor, Jr., Geo. L.
128—Taylor, Henry
542, 547—Taylor, H. P.
573, 698, 701, 848, 1002, 1003, 1004 — Taylor, Joseph B.
938—Taylor, L. H.
62—Taylor, M. E.
494—Taylor, R. C.
929—Taylor, S. A.
282—Taylor, S. R.
1103—Taylor, Theo.
277—Taylor, W. L.
329—Taylor, W. R.
984—Taylor, Wm. O.
766—Taylor, Z. V.
1091—Teal, O. A
658—te Bow, G. B.
285—Telfer, J.
512—Telfer, L. H.
975—Temple, E. B.
1168—Temple, H. C.
1232—Templeton, U. G.
95, 411, 1137—Tenney, Albert B.
411, 576—Tenney, Chas. H.
95—Tenney & Co., Chas. H.
577—Tenney, D. A.
282, 351—Tennis, C. C.
282—Tennis, M. F.
1182—Terry, W. E.
671—Terry, Wyllys
1057—Tew, Chas. M.
1042—Tew, F. J.
148—Thames, Jr., J. J.
16—Thane, B. L.
29—Tharp, W. J.
553—Thayer, B. B.
345—Thels, Geo., Jr.
49—Thexter, James
740—Thibout, G.
1062—Thiehoff, W. F.
390—Thom, J. Pembroke
962—Thomas, A. Howard, Jr.
390—Thomas, Carrol
135—Thomas, D. H.
1153—Thomas, De Los
509—Thomas, G. H.
1123—Thomas, Harvey A.
1239—Thomas, Herbert P.
710—Thomas, J. W.
940—Thomas, Lloyd
943—Thomas, O. P.
922—Thomas, P. M.
1197—Thomas, R. E.
43—Thomas, T. C.
564—Thomas, W. P.
765—Thomason, E.
325—Thomen, R. O.
388—Thompson, A. W.
213—Thompson, C. E.
906, 907—Thompson, C. F.
376, 378, 380, 383—Thompson, E. J.
56—Thompson, E. J.
887—Thompson, E. L.
612, 613, 615—Thompson, Gaylord
951—Thompson, J. C.
1097, 1116—Thompson, J. C.
887—Thompson, Lewis I.
15—Thompson, M. L.
1091—Thompson, M. M.
982—Thompson, Paul
1256, 1318—Thompson, R. G. O.
164—Thompson, W.
1250—Thompson, Wm.
675—Thompson, W. E.
766—Thompson, W. J.
1045—Thomson, D. E.
1331—Thomson, John A.
531—Thomure, F. J.
49—Thorburn, C.
1195—Thorn, J.
248—Thornburn, J. H.
52—Thornton, E. H.
334—Thornton, Geo. S.
1170—Thornton, J. S.
1307—Thornton, L. A.
793—Thrasher, Chas.
893, 949—Thrasher, Chas. S.
113—Throop, A. T.
728, 750, 755—Throop, H. G.
1a—Thurlon, O. G.
151—Thurston, L. A.
740—Thurston, R. C.
739—Thwing, W. N.
507—Thyse, E. N.
26—Tibbles, H. N.
276—Tichenor, Wm.
631, 632—Tideswell, A. F.
95—Tiffany, M. L.
779—Tighe, L. G.
771—Tillery, P. A.
195—Tillotson, Theo.
728, 750, 755—Tilton, B. E.
1159—Timberlake, Jr., S. D.
390—Tingle J. P.
878—Tingley, C. F.
217, 588, 597, 813, 840, 895, 979, 1009, 1146, 1158, 1190—Tingley, C. L. S.
878—Tingley, C. S.
217—Tinnon, J. B.
1164—Titcomb, H. A.
1334—Tittemsor, Walter H.
920—Titus, W. E.
710—Titzel, R. G.
311—Tobey, H. R.
256—Tobin, John G.
142—Toby, G. P.
860—Tod, David
124, 125, 127, 130, 138, 139, 147, 317, 818, 859, 862, 489—Todd, Alvah K.
538—Todd, C. W.
1143—Todd, F. C.
597—Todd, H. O.
513—Todd, Irving, Jr.
1259, 1260—Todd, M. Milne
252—Todd, Ralph S.
274, 276—Todd, Robert I.
16—Tolch, W. T.
283—Tolles, S. H.
602, 608, 614—Tomkins, Robert S.
499—Tomkins, W.
105, 758—Tomlinson, J. M.
180—Tompkins, O. B M.
643—Tompkins, Ray
911, 963, 966, 990—Tone, S. L.
771—Tongue, Ben.
402—Toomey, W. S.
1256—Topp. Alex.
1271—Torres, Gonzalo
851—Torrey. W. H.
676, 689, 761—Tovey, A. E. J.
509—Tovey. R. J.
857—Tower, Wm.
813, 840—Towle, Geo. C.
1048—Towle, G. M.
694—Towle, Harry E.
813—Towle, Joseph H.
895—Town, R. E.
773—Townsend, A. E.
1083, 1084—Townsend, Alfred F.
620—Townsend, W. S.
1327—Townshend, C. Stuart
742—Townson. A. J.
778—Tracey, John
234—Tracy, John
179, 191—Tracy, S. W.
204—Trantmann, Wm. E.
121—Travers. Thos. H.
869, 1182—Trawick, J. A.
42—Treanor, John
1222—Treat. Dean
873—Treat, G. B.
1170a—Treat. H. W.
1390—Tremols, Nestor
402—Trenholm, C. H.
153—Trenner, W. H.
662—Treshman, Nicholas
893, 894—Trexler, Harry C.
382—Trim, R.
834—Trimble. J. K.
975—Tripler, H. E.
1124—Tripp, A. L.
1243—Tripp, G. M.
79—Tripp, Guy E.
350—Tripp, W. W.
163—Troll, G. E.
938—Troop, R. A.
529—Trotter, P. L.
223—Truax. D. R.
61—Trubert, C.
745—Trudeau, L.
497—Trudell, F. J.
254—Trunkey, J. H.
606, 893, 920—Trythall, Wm. J.
612, 613—Tshudy, Walter
226, 242—Tubbs, W. C.
223—Tucker, B. F.
340—Tucker. D. H.
636—Tucker, C. A.
947—Tucker, J. O.
425, 1071—Tucker, R. F.
585—Tuley, W. S.
977—Tulley, H. G.
1330—Turk, G.
501—Turnbull, F. M.
669—Turnbull, J. S.
1255—Turnbull, W. R.
139—Turner, D. A.
33—Turner, J. F.
419—Turner. J. F.
278—Turner. L. W.
884, 1176—Turner, Wm. F.
88—Tutt. C. L.
360—Tuttle, A. A.
1207—Tuttle, I.
1121—Tuttle, W. B.
1073, 1074—Tutwiler, T. H.
98—Tweedy, Geo. R.
212—Tweedy, R. R.
395—Twyford, G. T.
734—Tylee, Geo. E.
734—Tylee, W. H.
734—Tylee, W. J.
335—Tyler, F. E.
446—Tyler, Henry M.
568—Tyler, Howard
457—Tyler, R. G.
573—Tyng. L. H.

741—Uffert, J. F.
1176—Uhden, C. F.
990—Uhlenhart, F., Jr.
4, 710—Underwood, F. V.
1202, 1205, 1206, 1208—Underwood, W. A.
787—Union Savings Bank & Trust Co.
630—Upson. U. L.
1322—Urrea, Daniel C.
1242—Urwin. M.
1111—Usener. Jno. F.
482—Utley, P. L.

1129—Vail, E. A.
1173—Valentine, A. L.
317—Valentine, Jos. L.
516, 1221—Valier, Peter
1274—Valleau, J. H.
65—Vanatta, F. T.
541—Van Brunt. J. H.
166, 170, 195, 196, 209, 210, 215, 229, 230, 233, 234, 238, 338, 344, 346, 533, 548, 566—Vance, H. J.
519—Van Clostere. J. A.
665, 667, 670—Van Cott, Lincoln
635—Van Court. H. M.
481, 636, 682—Vanderbilt, Wm. K., Jr.
948—Vandoren C. L.
978—Van Doren, O.
473, 847, 850, 851, 852—Van Drieson, A. C.
1159—Vanfossen, R. M.
641—Van Hoesen, D. W.
987—Van Horn, J. W.
1042—Van Hoven, C. H.
660—Van Inwegen, W. D.
801—Van Lahr, Leo J.
773—Van Lueven, C.
602, 603, 614—Van Middlesworth, T. W.
1289—Van Norman, C. P.

249—Van Oedol, J. A.
596a—Van Vorst, F. B.
46—Van Vranken, F. H.
721—Van Wagner, Paul
705—Van Wyck, E. H.
592—Van Zant, W. S.
1319—Varela, Louis
619—Vargas, Antonio
1311—Vargas, hijo, S.
488—Vaughan, S. L.
108—Vaughn, J. E.
1151—Vaughn, J. L.
757—Vaught, L. H.
786—Vaughters, Geo. A
791, 794—Venning, F. J.
1528—Verdeja, Jose Maria
1332—Verrier, Eduardo Rodriguez
257—Vesey, Dick M.
1190—Via, H. O.
833—Vickery, A. J.
559—Vickery, Frank
48—Vickrey, N. B.
993—Vilsack, Jos. G.
84—Vincent, E. F.
7—Virgin, U. J.
881, 1181—Voegtly, W. N.
623—Vokes, H. F.
835a—Vollman, F. E.
114—Von Culin, E.
1259, 1260—Vondrean, R.
53—Von Emster, H.
687—Von Moschzisker, F. A.
68—Von Phul, Wm.
669—Voorhees, D. S.
869—Vorce, W. H.
266—Vordermark, H. E.
831—Vorhes, Chas. A.
90—Vories, H. P.
3, 4—Voshall, R. D.
878—Voss, W. E.
884—Votaw, G. E.
726—Voth, Wm. B.
702—Vreeland, H. H.

194—Wacker, C. H.
145—Wade, A.
39, 41, 48, 71, 72, 77—Wade, M. S.
175—Wade, R.
1282—Wadland, Geo. E.
1106—Wadsworth, E.
1218—Wadsworth, W. G.
865—Wadsworth, Wm. H.
233, 328—Waggener, J. W.
271—Waggoner, Sam'l
892, 893—Wagner, C. N.
805—Wagner, G. E.
535—Wagner, Geo.
1061—Wahl, Christian
229—Wahl, N.
633—Wahle, G. A.
1283—Waite, R. L.
188a, 193, 492—Waite, Robert W.
942—Wakefield, Harris
1176—Wakefield, W. J. C.
602, 603, 614—Wakelee, Edmund W.
1092—Wakeley, L. W.
886—Wakeman, H. R.
522—Walborn, C. N.
998—Walborn, I. G.
513—Walbridge, A. R.
706—Walbridge, H. D.
1068—Walcott, F. C.
679—Waldron, J. M.
1155—Waldrop, A. L.
175—Walker, F. B.
293—Walker, E. M.
1213—Walker, F. W.
975—Walker, Geo. A.
523—Walker, Guy M.
439—Walker, Jas. E.
1090—Walker, J. B.
1288—Walker, J. W.
297—Walker, Merle R.
444—Walker S. E.
471—Walker, Wm.
279—Walker, W. H.
347—Walker, W. H.
546—Wall, Edw. E.
194, 147—Wallace, Chas. F.
155—Wallace, D. G.
491—Wallace, H. I.
78—Wallace, H. U.
696—Wallace, T. A.
153—Wallace, W. T.
534—Wallenhaupt, F. W.
1263—Waller, Geo. E.
539—Waller, R. P.
339—Waller, T. S.
975—Wallis, J. T.
400, 421—Wallis, R. N.
339—Wallof, P. G.
552—Wallower, E. Z.
1a—Walmsley, Walter N.
226, 242—Walsh, A. E.
226, 242, 300—Walsh, C. H.
226, 242, 300—Walsh, E. C.
226, 242—Walsh, Jr., E. C.
1267—Walsh, F.
745—Walsh, Frank
51—Walsh, J. D.
226, 242—Walsh, J. W.
226, 242, 244—Walsh, M. A.
894—Walter, Alonzo F.
526—Walter, Wm. B.
1181—Walters, C. S.
942—Walters, Gomer
326—Walters, J. P.
902—Walters, Wm.
534—Walton. P. G.
473, 851, 852—Waltz, V. J.
835a—Waltz, W. D.
350—Wampler, Frank W.
1268—Warburton, W. N.
949—Ward, A. E.
1061—Ward, A. L.
78—Ward, E. C.
39, 41, 48, 71, 72, 77—Ward, I. L.
335—Ward, Jno.
58—Ward, W. H.
663—Wardell, Geo. A.
302—Wardle, J. D.
783, 784—Wardman, Palmer
472—Ware, Chas. E.
959—Ware, John H.
789—Ware, R. G.
395—Warfield, F. Howard
1294—Warfield, Ira
1028a—Warne, Wm. T.
48—Warnecke, C. M.
509—Warner, C. E.
498—Warner, Chas. F.
401—Warner, C. T.
775—Warner, Ernest G.
976—Warner, F. H.
933—Warner, John
425—Warner, R. L.
760—Warnick, L. K.
510—Warnock, A. W.
1106—Warren, Alba H.
152—Warren, Arthur
446—Warren, Earl R.
254, 275—Warren, F. H.
300—Warren, Frank
503, 505—Warren, Herbert
849—Warren, H. C.
1109—Warren, H. L.
21—Warren, P. C.
256—Warren-Bicknell Co., The
906, 907—Warrensford, T. H.
896—Warrick, Albert
611—Warrington, W. J.
526—Warwick, C. E.
515—Washburn, Bailey & Mitchell
1289—Wasson, W. E.
395—Waters, C. C.
1324—Waters, Henry C.
134—Waters, W. T.
229—Waterson, W. W.
557—Wathey, J. S.
78—Watkins, H. M.
1007—Watkins, Wm.
148—Watley, J. H.
1082—Watriss, F. H.
723—Watson, A.
1187, 1197—Watson, A. T.
928—Watson, F. T.
1028—Watson, H. Y.
1238—Watson, J.
1187—Watson, Jas. O.
1103, 1104—Watson, K. M.
515—Watson, R. W.
308, 564, 565—Wattles, G. W.
728, 750, 755—Watts, F. W.
853—Watts, John
1280, 1227—Way, S. B.
1041—Wayne, J. E.
1—Weakley, John B.
932, 933—Wear, W.
622, 638, 646, 785, 754—Weatherwax, Harry B.
178—Weatherwax, W. M.
645, 652, 718, 790, 725, 746—Weaver, E. M.
1193—Weaver, Frank P.
457—Webb, Geo. S.
340—Webb, J. E.
808—Webb, Scott A.
1251—Webber, D.
401—Webber, G. F.
450—Webber, H. K.
678—Webber, H. W.
402—Webber, J. L.
248—Webber, T. B.
86—Weber, Eugene
487—Weber, T. J.
406, 409—Webster, Edwin S.
39, 41, 62, 77—Webster, Frank W.
427, 575—Webster, Fred'k E.
484—Webster, F. M.
679—Webster, H. A.
825—Webster, L. B.
1302, 1303—Webster, Lorne C.
834—Webster, M. S.
777a—Webster, O. A.
1331—Webster, R. S.
742—Wedel, H. W.
275, 285, 286—Weedon, Bert
48—Weeks, F. C.
874a—Weeks, Geo. G.
225, 309, 310, 311—Weeks, H. E.
742—Wegman, Geo. M.
884—Wegner, R. C.
797—Weh. Wm. F.
600—Weidman, Claude O.
896—Weidman, Frank
179—Weihofen, C.
768—Weil, Leslie
535—Weimer, J. A.
295—Weimer, H. O.
811, 812—Weingartner, H. C.
891—Weinland, E. W.
217, 597, 813, 840, 895, 979, 1009, 1146, 1158, 1190—Weirick, G. C.
823—Weirsmith, F.
930—Weisenfluh, J. E.
250—Weiss, Carl
663—Weiss, John F.
1270—Welburn, R. H.
553, 554—Welch, D. A.
1269—Welch, D. L.
474—Welcher. W. E.
1404—Weld, F. M.
1283—Weldon. C. O.
796—Weldy, F. B.
1183—Weller, H. C.
393—Wellington, G. L.
503—Wellington, R. H.
983—Welliver, Lew
320—Wells, F. E.
390—Wells. H. C.
875—Wells, H. J.
645, 652, 718, 720. 725, 746—Wells, L. S.
807—Wells, R. J.
1196—Wells, W. E.
553, 554—Welsh, D. A.
877—Welsh, G. C.
159, 200, 201—Welsh, G. W.
990—Welsh, J. W.
327—Welsh, M. A.
564—Welty, F. S.
1083, 1069—Wendle, G. E.
790—Wenzel, C. R.

361a—Wermuth, C. E.
1004—Werner, E. H.
747—Werry, Jr., Thos. H.
475, 476, 477, 478, 479, 480—Werth, M. F. Maury
943—Werts, Geo. M.
710—Wessel, J. F.
148—West, A. H.
209, 210—West, C. C.
148—West, E. E.
694a, 1002, 1003, 1004—West, E. L.
83, 86—West, Edw. A.
800, 803—West, Eli M.
800—West, Harry F.
339—West, Jos. T.
529—West, T. L.
339—West, W. R.
849—Westby, John
643—Westcoat, Chas. H.
655, 656—Westergreen, Axel
1249—Westerman, W. W.
768—Westlake, C. P.
904—Westling, C. W.
1261—Westoky, H.
1132—Weston, Geo. A.
628—Weston, Weldon F.
491, 1211—Weston, W. H. P.
13—Wetberil, Robt.
153—Wetmore, E. A.
180—Wetterer, C. F. W.
1296—Weyman, H. E.
1084, 1100, 1105, 1106—Weymouth, Guy L.
596a—Weyant, M. V. R.
424—Whalen, E. W.
1135—Whalen, R.
557—Wharton, J. R.
142—Whatley, W. H.
1084—Wheaton, Wm. H.
838—Wheeler, C. F.
408, 419—Wheeler, Herbert R.
520—Wheeler, H. F.
727—Wheeler, Jno.
661—Wheeler, Wm. B.
633—Wheeler, Wm. J.
1156—Wheelwright, T. S.
1221—Whelpley, R. C.
374a—Whipple, L. G.
1040—Whisler, R. E.
878—Whisman, C. C.
802—Whisner, Geo. R.
801—Whisner, Robert
611—Whitaker, W. J.
560—Whitcomb, Geo.
1256—White, A. H.
1103—White, E. L.
629—White, Elmer M.
174—White, G. S.
1100, 1101—White, J. B.
712—White, J. G.
128, 135, 559, 738, 998, 1042—White Mgt. Corpn, J. G., The
402—White, J. Harvey
1059—White, Jas. S.
602, 614—White, Martin
750a—White, M. V.
682—White, R. A.
48—White, W. C.
1130—White, W. L.
1176—White, Y. M.
724—White & Gettmon
510—Whiteford, Wm.
427, 575—Whitehouse, Harry B.
528—Whitelaw, R. G.
1215—Whitely, John
634—Whiteside, W. J.
9—White-Spunner, C. T. N.
884—Whitfield, C. W.
767—Whitfield, G. C.
468—Whitin, G. M.
515—Whiting, A. S.
853—Whiting, Geo. E.
944—Whiting, W. C.
1121—Whitley, C. W.
595—Whitmore, H. F.
199—Whitnel, L. O.
511—Whitney, A. G.
1259, 1260—Whitney, C. J.
399, 399a, 488, 457, 471—Whitney, Howard
1131—Whitney, S. A.
511—Whitney, Wheelock
1127—Whitney, W. A.
123—Whitney, W. S.
839—Whitney, W. S.
180—Whitsell, J.
960—Whittaker, John F.
84—Whitted, E. E.
170, 233—Whittemore, G. R.
1207—Whittemore, J. D.
108—Whittemore, J. B.
610—Whittington, G. L.
828—Whysall, George
506—Wiar, Geo. R.
500—Wickes, H. T.
850, 1186—Wickham, T. F.
945—Widdowson, Luther
1279—Wideman, A. E.
564, 565—Widenor, A. S.
1016—Wieand, W. E.
634—Wiegel, John O.
1151—Wiggs, W. H.
91—Wightman, H. J.
679, 685, 702—Wigren, A. C.
139—Wilbur, A. A.
890—Wilcock, Edwin
572—Wilcomb, A. H.
640, 642—Wilcox, J. A.
698—Wilcox, O. B.
283—Wilcoxon, C. N.
271—Wild, J. F.
441, 442—Wilde, Elton S.
1190—Wilde, G. M.
381—Wilder, D. W.
556—Wilder, G. F.
129—Wilder, J. S.
732, 733—Wilder, Stuart
1169—Wildes, Frank W.
256, 269—Wildermuth, O. L.
105—Wildin, G. W.
1009—Wildt, E. A.
1252—Wiles, Thos. L.
990—Wilhelm, F. R.
492—Wilhelm, R. S.
1086, 1087—Wilkerson, A. W.
884—Wilkes, W. C.
177, 178—Wilkie, John E.
687, 975—Wilkins, H. T.
1245—Wilkins, S.
1028a—Wilkinson, W. A.
388—Willard, Daniel
246—Willard, J. M.
773—Willard, Thos. B.
489—Willberg, Emil
687, 975—Willcox, J. Taney
633—Willdig, A. S.
68—Willcutt, Geo. B.
679—Williams, A. B.
503—Williams, Alfred
401—Williams, Chas.
157—Williams, E. B.
713—Williams, E. G.
1156—Williams, E. R.
1156—Williams, Geo. B.
998—Williams, Geo. R.
391—Williams, Geo. Weems
861—Williams, Harrison
884, 980—Williams, H. Jr.
175—Williams, H. R.
117—Williams, Henry W.
258—Williams, J. C.
215—Williams, L. O.
413—Williams, O. E.
653, 654—Williams, R. B., Jr.
392—Williams, S. A.
643—Williams, Thos.
664, 665, 670—Williams, T. S.
442—Williams, Thos. W.
439—Williams, Wendell
999—Williams, Westley E.
622, 638, 646, 735, 754—Williams, W. H.
1130—Williams, W. I.
1065—Williamson, E. C.
1334—Williamson, F.
1190—Williamson, John
507—Williamson, R. S.
143—Williamson, T. H.
105, 450, 1051—Willis, E. M.
1028a—Willis, Wm.
927—Willock, C. E.
9—Willoughby, Chas. D.
868—Willoz, V. L.
1176—Willson, R. A.
1089—Wilmot, E. P.
468—Wilmot, Geo.
1178, 1179—Wilmot, W. E.
567—Wilson, A. E.
741—Wilson, B. E.
245—Wilson, Bluford
1295, 1299—Wilson, Chas. L.
573—Wilson, C. N.
1203—Wilson, Chas. S.
254, 275, 285, 286—Wilson, Chester P.
848, 1002, 1003, 1004, 1207—Wilson, C. N.
119—Wilson, C. S.
871—Wilson, D. M.
718—Wilson, Donald
938—Wilson, Edw.
1197—Wilson, Frank E.
1299—Wilson, F. H.
648—Wilson, F. W.
688—Wilson, G. H.
510—Wilson, Geo. L.
262, 351—Wilson, Geo. W.
634, 635—Wilson, Geo. W.
402—Wilson, H. L.
1301, 1305—Wilson, Jas.
82—Wilson, Jno. F.
9—Wilson, J. H.
798—Wilson, J. O.
36—Wilson, J. R.
846—Wilson, Justice
1129, 1130—Wilson, Leonard
797—Wilson, Paul E.
104—Wilson, P. N.
1099—Wilson, R. J.
1302, 1303—Wilson, Robert A.
48—Wilson, S. E.
112, 113, 597—Wilson, T. W
862—Wilson, W. A.
312, 313—Wilson, W. L.
960—Wilson, W. W.
592—Wilson & Carr
1129—Wiltsie, N. S.
223—Wilverth, Chris
871—Winans, Jno. F.
258—Winchester, C. H.
220—Windal, C. G.
510—Winders, B. F.
491, 1211—Winders, F. R.
633—Wing, Fred'k.
105—Winlock, G. L.
415—Winn, F. H.
445—Winship, L. C.
481—Winslow, C. G.
302—Winslow, E. F.
1178, 1179—Winsor, H. G.
216—Winston, Jas.
525—Winston, J. D.
1128—Winter, Arthur
988—Winter, Ed.
806—Winters, V.
514—Winton, D. N.
1216—Wipperman, L.
854—Wischmeyer, H. W.
1070—Wisdom, John
739—Wise, E. C.
902—Wise, Geo.
1109—Wise, W. B.
1172—Wisewell, O. N.
33—Wishon, A. G.
1203—Witherspoon, J.
745—Witherwax, C. J.
912a—Witman, G. Frank
799, 854—Witt, J. P.
991—Witt, S. J.
1007—Wittfoot, H.
661, 672, 673, 674, 676, 677 681, 683, 689, 761—Witzel, Chas.
251—Wocher, John
1207—Wogenheim, W. P.
976—Wolf, Benj.
748—Wolf, Ernest W.
853—Wolf, L. A.
162, 798—Wolf, L. J.
806—Wolfe, Gregg P.

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